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Arizona Strategic Prevention  
Framework State Incentive  
Grant:  
*Statewide Epidemiological  
Profile and Problem Areas*

Submitted by the Epidemiology  
Work Group

October 19, 2005

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## Summary

**Background and Purpose.** In the fall of 2004, the State of Arizona and the Governor's Office received a Strategic Prevention Framework State Incentive Grant from the Center for Substance Abuse Prevention in the Substance Abuse and Mental Health Services Administration. The State Incentive Grant provides \$11.75 million over five years to reduce substance use in Arizona. The Strategic Prevention Framework State Incentive Grant requires a statewide needs assessment to direct funding to substance abuse related problems in Arizona. This epidemiological profile informs the statewide needs assessment by providing data on substance use consumption patterns and consequences.

**Approach.** To oversee the development of the report and its findings, an epidemiology work group was formed. Members included grant partner agencies, representatives of agencies with key data sets, public health experts and epidemiologists, community representatives, and the State Incentive Grant's evaluator. The work group was convened and staffed by the Governor's Office.

The work was conducted in two phases. First, an exhaustive list of potential indicators of substance use consequence and consumption patterns was developed. The second phase of the work consisted of analyzing available indicator data so that they could be interpreted and funding priorities set among various consequences, consumption patterns, and audiences. Once problem areas began to be identified, additional analyses were conducted to inform the problem areas.

**Problem Areas.** The epidemiology work group identified problematic drinking and youth illicit drug use as the state's problem areas for State Incentive Grant funds. Depending on the objective of the funded interventions, there are several possible age and geographic audiences. The following table presents indicators, age and geographic groups, and possible prevention objectives.

Problematic drinking is defined with four indicators: past month underage drinking, past month underage binge drinking, past month adult binge drinking, and alcohol related car crash injuries. Youth illicit drug use is defined by one indicator: past month any illicit drug use. For each indicator two age groups are suggested: the age group experiencing the highest rate of the problem and the age group immediately preceding this high rate population. The high rate age group can be targeted to decrease reoccurrence or avoidance of the problem. The age group preceding the high rate age group can be targeted for avoidance of the problem. There are also two types of target geographies: those counties or sub-county segments, referred to as community health analysis areas or CHAAs, with high rates of the problem measured by the indicator and those counties with a high occurrence of the problem measured by the indicator.

| Problem Areas: Problematic Drinking and Youth Illicit Drug Use |   |   |   |
|--|---|---|---|
| Indicator  | Target Age  | Target Geography  | Objectives  |
| Problematic Drinking   |   |   |   |
| Past month underage drinking                                   | 8 <sup>th</sup> - 12 <sup>th</sup> grade students   | Counties and health analysis areas with highest rate of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Santa Cruz, Mohave, Gila, Cochise, Douglas CHAA, Globe/Hayden CHAA, Kingman and Lake Havasu City CHAA | 1. Increase age of onset<br>2. Decrease past 30-day day use                           |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Maricopa, Pima  |   |
|  | Students in grades below the 8 <sup>th</sup> grade  | Counties and health analysis areas with highest rate of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Santa Cruz, Mohave, Gila, Cochise, Douglas CHAA, Globe/Hayden CHAA, Kingman and Lake Havasu City CHAA | Increase age of onset   |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Maricopa, Pima  |   |
|  |   |   |   |
| Past month underage binge drinking                             | 8 <sup>th</sup> – 12 <sup>th</sup> grade students   | Counties and health analysis areas with highest rates of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Santa Cruz, Mohave, Gila, Cochise, Douglas CHAA, Benson CHAA, Globe/Hayden CHAA, Williams CHAA | 1. Decrease past 30-day day use<br>2. Decrease past two-week binge drinking           |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Maricopa, Pima  |   |
|  | Students in grades below the 8 <sup>th</sup> grade. | Counties with highest rates of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Santa Cruz, Mohave, Gila, Cochise  | Increase age of onset   |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Maricopa, Pima  |   |
|  |   |   |   |
| Past month adult binge drinking                                | 18-25 year olds (highest rate)                      | State level (no data at sub-state level)  | Decrease past 30-day day binge drinking   |
|  | <18 year olds                                       | State level (no data at sub-state level)  | 1. Decrease past two-week binge drinking<br>2. Increase age of onset                  |
|  |   |   |   |
| Alcohol related car crash injuries                             | 21 - 34 year olds                                   | Counties with highest rates of car crash injuries: La Paz, Coconino, Apache   | 1. Decrease alcohol related car crashes<br>2. Decrease past 30-day day binge drinking |
|  |   | Counties with highest occurrence of car crash injuries: Maricopa, Pima  |   |
|  | < 21 year olds                                      | Counties with highest rates of car crash injuries: La Paz, Coconino, Apache   | 1. Decrease past 30-day day binge drinking<br>2. Increase age of onset                |
|  |   | Counties with highest occurrence of car crash injuries: Maricopa, Pima  |   |

| Priority Problems: Problematic Drinking and Youth Illicit Drug Use |  |  |   |
|--|--|--|---|
| Youth Illicit Drug Use   |  |  |   |
| Indicator  | Target Age   | Target Geography   | Objectives  |
| Past month any illicit drug use <sup>1</sup>                       | 8 <sup>th</sup> – 12 <sup>th</sup> grade students  | Counties and health analysis areas with highest rates of past month any drug use: Apache, Graham, Coconino, Navajo, Page/Fredonia CHAA, Sedona CHAA, Flagstaff West CHAA, Flagstaff East CHAA, Flagstaff Rural CHAA, Winslow CHAA, Holbrook CHAA, Benson CHAA, Navajo Nation CHAA, Hopi Nation CHAA, Havasupai CHAA. | 1. Decrease past month illicit drug use<br>2. Increase age of onset |
|  |  | Counties with highest occurrence of past month any drug use: Maricopa, Pima  |   |
|  | Students in grades below the 8 <sup>th</sup> grade | Counties and health analysis areas with highest rates of past month any drug use: Apache, Graham, Coconino, Navajo, Page/Fredonia CHAA, Sedona CHAA, Flagstaff West CHAA, Flagstaff East CHAA, Flagstaff Rural CHAA, Winslow CHAA, Holbrook CHAA, Benson CHAA, Navajo Nation CHAA, Hopi Nation CHAA, Havasupai CHAA. | Increase age of onset   |
|  |  | Counties with highest occurrence of past month any drug use: Maricopa, Pima  |   |

<sup>1</sup> Any illicit drug generally includes all drugs with the exception of tobacco and alcohol. The specific drugs that are included may vary according to the study that is used to measure drug use.

## Key Findings

### Magnitude of Substance Abuse: Consequences and Consumption

- 1. Probably the most severe consequence of substance use is death but deaths associated with substance use are relatively small when compared to the five leading causes of death in Arizona (Table 3A).** This suggests two things. First, any intervention targeting death directly related to substance use would have little affect on the state's overall mortality. Second, because there are so few deaths directly attributable to drugs and alcohol, measuring an intervention's success on this indicator would be difficult because there is so little to change.
- 2. The absolute numbers for substance use problems related to illness or injury are much greater than the absolute numbers for deaths related to substance use (Table 3B).** Almost half a million people report clinical dependence or abuse of illicit drugs or alcohol. Over 100,000 people reported driving after having too much to drink and 6,200 people were injured in alcohol related crashes. Focusing on reducing substance use related injury and illness provides a much larger target for intervention and would also reduce deaths related to substance use.
- 3. Consumption does not necessarily result in death or illness but some consumption patterns such as binge drinking or illicit drug use predict health consequences better than others due to the impairment following such use. Alcohol**

consumption and binge alcohol consumption affect more people, including youth, than other substances (Table 3E and 3F).

4. For youth, the estimated rates of illicit drug use in the past month for 12 to 17 year olds (123.6/1,000) are comparable to the estimated rates of binge drinking in the past month for 12 to 17 year olds (117.52/1,000, Table 3N).
5. Methamphetamine is one of the least used drugs relative to alcohol, tobacco, and marijuana. Inhalants and cocaine are used slightly more than methamphetamine (Tables 3G through 3J).

#### Substance Use and Age

6. Eighteen to twenty-five year olds have the highest rates of use for all substances and the highest rates for alcohol or illicit drug dependence or abuse (Table 3N).
7. Twelfth grade has the highest percentage of students that have used alcohol (51.1 percent), tobacco (24.4 percent), and illicit drugs (25.1 percent) in the past 30 days or have engaged in binge drinking in the past two weeks (32.4 percent, Table 3O). Eighth grade students report substantial amounts of substance use in the past 30 days (25 percent have used alcohol and 18 percent have used an illicit drug).
8. Highest rates for a majority of the problem indicators such as substance consumption, drug-related arrests, and alcohol related car crashes, cluster in the 18 to 25 year old age group (Figure 3A).

#### Substance Use and Geography

9. Cochise, Gila, Mohave, and Santa Cruz counties have the most problems with 30-day youth alcohol use and past two-week youth binge drinking (Table 3Y).

In some cases, data are available at smaller geographic segments referred to as community health analysis areas (Figures 3B and 3C). **Within Cochise and Gila counties the Douglas and Globe/Hayden health analysis areas have higher than average percentages of youth that report binge drinking and past 30-day alcohol use. Within Cochise and Coconino counties, the Benson and Williams health analysis areas report higher than average youth binge drinking rates. Within Mohave county, the Kingman and Lake Havasu City health analysis areas have higher than average percentages of past 30-day youth alcohol use.**

10. A geographic analysis was also conducted for youth illicit drug use (Table 3Z). **Apache, Graham, Coconino, and Navajo counties have the most problems**

**with illicit drug use among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students. For past month drug use among 8<sup>th</sup> through 12<sup>th</sup> grade students, the health analysis areas of Page/Fredonia, Flagstaff West, Flagstaff East, Flagstaff Rural, Winslow, Holbrook, Benson, Navajo Nation, Hopi Nation and Havasupai have higher than average percentages of drug use (Figure 3D).**

#### Risk and Protective Factors

- 11.** Another way to assess substance abuse prevention need is to measure the prevalence of characteristics that have been shown to predict substance use. A high prevalence of these risk factors suggests a greater potential for developing substance abuse problems and hence a greater need for prevention interventions. Two studies measure Arizona's counties' predilection for substance abuse problems: the *Arizona Youth Survey* and the *Arizona Social Indicator Study* conducted by the Mel and Enid Zuckerman Arizona College of Public Health at the University of Arizona. **Based on the number of indicators that exceed a normative standard, Yavapai, Mohave, and Gila counties are at the highest risk for substance abuse problems as indicated in both the *Arizona Youth Survey* and the *Arizona Social Indicator Study*. Maricopa and Yuma counties have the lowest level of risk in both studies (Tables 4A and 4B).**

#### Community Resources and Service Gaps

- 12.** To get a better sense of the gaps that might exist between the problems identified and the prevention resources that the state allocates to those problems, an analysis was conducted of current state funding as reported in the *Arizona Drug and Gang Prevention and Treatment Program Inventory* (Table 5A) and the funding's relationship to the problems being studied (Table 3HH). **For La Paz, Santa Cruz, and Cochise counties, high per capita spending on substance abuse prevention programs is congruent with high rates of problem behaviors. On the other hand there is a discrepancy between low prevention per capita funding and high problem rates for Navajo, Mohave, Gila, Apache, Coconino, and Greenlee counties.**

**Data needs and considerations.** In the course of the epidemiology work group's work, a variety of data and research needs were identified, some of which presented significant gaps in our knowledge of substance abuse consumption and consequences in Arizona.

*Adult prevalence survey.* There is no study of adults that provides sub-state level estimates for substance use and substance related consequences such as clinical dependence or abuse. Such a survey should be conducted on a regular basis with a sample large enough, at a minimum, to provide sub-county level estimates for Maricopa and Pima counties and county level estimates for the rest of the state.

*Proportion of health or social problems attributable to substance use.* Throughout the development of the epidemiological profile the question of the relationship of substance

use to chronic diseases such as heart disease or social problems such as crime or school dropout remained unanswered. In ensuing years of the State Incentive Grant, the epidemiology work group can address this issue in two ways: first, by conducting a literature review of studies that reliably measure the contribution of substance abuse to these health and social problems and second, by conducting studies specific to Arizona's population.

*Measures of the severity of substance use such as economic costs or years of productive life lost.* With the exception of instances of death or illness, this profile does not describe or quantify the affect substance use has on the individual or society. The severity of substance use in terms of economic costs, utilization of system resources, or years of productive life lost due to substance use or its consequences should be considered. As with proportion of health or social problems attributable to substance use, the epidemiology work group can address this deficiency in subsequent years by conducting reviews of pertinent studies that can be applied to Arizona's population or by conducting primary research with Arizona specific populations.

*Resource inventory.* In this report, resources and assets were defined as the annual amount of public funding received by service providers in Arizona as reported in the *Arizona Drug and Gang Prevention and Treatment Program Inventory*. Some important dimensions of resource assessment, such as measures of program effectiveness or the behavioral objectives that are targeted by the resources have yet to be included in this data source. Resource assessments should continue to be performed on a regular basis and include data on resources at the lowest geographic level possible (closest to program delivery). In addition, the design of future assessments should consider use of additional measures and tools that provide feasible and reliable information to determine the effects of resources on behavioral outcomes.

*Child welfare and substance abuse.* One of the original intents of the grant was to address the substance abuse prevention needs of those families that are in the child welfare system or communities that have high rates of child welfare involvement. Unfortunately, reliable data on the co-occurrence of substance use and child welfare involvement are not regularly collected. If the state wishes to pursue such interventions in the future, the child welfare system should include a substance use assessment at the appropriate client contact point so that reliable and representative data can be collected.

*Sub-county data.* The epidemiology work group continuously sought survey data at a sub-county level or archival data that could be disaggregated to a sub-county level. In most instances, survey and archival data are readily available at a county level but this may not accurately describe the circumstances in a municipality or neighborhood. It is recommended that survey samples provide sub-county estimates for Maricopa and Pima counties given the high density of people and large proportion of Arizona's population living in those areas. Other sub-county samples should be decided as needed.

*Geographic information systems.* Analyzing data geographically requires that data elements have an address attached to them. This was not always the case with the



archival and survey data that were used for this report. The survey data that were used was originally collected for county estimates thus making it problematic to develop values at a sub-county level. If survey data are to be used in evaluating the outcome of prevention efforts, then the surveys need to be at the level of prevention activity. If the community is conducting the prevention intervention then surveys need to be conducted in that community. It is recommended that community level information continue to be provided for the measures that are identified as priorities.

## Epidemiology Work Group Members

|                   |   |
|-------------------|---|
| Michelle Anderson | Administrative Office of the Courts   |
| Steve Ballance    | Criminal Justice Commission   |
| Jeanne Brandner   | Administrative Office of the Courts   |
| Leslie Carlson    | Pima Prevention Partnership   |
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## 1. Background and Purpose

In the fall of 2004, the State of Arizona and the Governor's Office received a Strategic Prevention Framework State Incentive Grant from the federal Center for Substance Abuse Prevention in the Substance Abuse and Mental Health Services Administration. The State Incentive Grant provides \$11.75 million over five years to reduce substance use in Arizona.

The State Incentive Grant requires a statewide needs assessment to direct funding to substance abuse related problems in Arizona. The needs assessment must include the following:

1. Assessment of the magnitude of substance abuse and related mental health disorders in the State of Arizona
2. Assessment of risk and protective factors associated with substance abuse and related mental health disorders in the state
3. Assessment of community assets and resources
4. Identification of gaps in services and capacity
5. Assessment of readiness to act
6. Identification of priorities based on the epidemiological analyses, including the identification of target communities to implement the Strategic Prevention Framework
7. Specification of baseline data against which progress and outcomes of the Strategic Prevention Framework can be measured.

This epidemiological profile informs the statewide needs assessment by providing data and suggesting priorities as required in the items listed above. Information on item number five, assessment of readiness to act, is not included in this report. It was decided early in the State Incentive Grant's implementation that this readiness assessment would occur once potential priority communities were identified.

## 2. Approach

To oversee the development of the report and its findings, an epidemiology work group was formed. Members included grant partner agencies, representatives of agencies with key data sets, public health experts and epidemiologists, community representatives, and the State Incentive Grant's evaluator. The work group was convened and staffed by the Governor's Office.

Eight meetings were conducted over a ten-month period in which work group members decided on the approach, selected indicators of substance abuse consequences and consumption, advised on data sets and analysis, reviewed findings, and decided on problem areas. The Department of Health Services and the Criminal Justice Commission provided geographic and other analyses of key data sets to support the work of the group.

The work was conducted in two phases. First, an exhaustive list of potential indicators of substance use consequence and consumption patterns was developed. Consequence and consumption indicators were compiled from an indicator database developed by the Substance Abuse and Mental Health Services Administration, a list of indicators compiled from other State Incentive Grant awardees, and indicators that members of the epidemiology work group suggested. A search was conducted for data sets that could provide information on the indicators or data sets that were related to substance abuse and might provide additional indicators.

From the beginning, it was tacitly assumed that indicators that would eventually be used must have data that are reliable, regularly collected, and readily accessible. The data must be of sufficient quality to provide some certainty for the conclusions drawn from them. The data must also be constantly updated, usually on a yearly or every other year basis, and have a good chance of being collected into the near future or at least over the five year life of the State Incentive Grant. Data should be available either in published reports, on agency web sites, or through a single communication with the data set manager. Data used for this report was archival or existed in surveys already completed; no primary research was done to inform the report. A complete list of all the indicators that were considered is provided in Appendix A.

Another decision made early in the process was to only look at indicators of consumption or consequences directly related to substance use. The relationship between substance use and other health or social problems has been recognized in public health. Excessive drinking has been linked to liver cirrhosis, pancreatitis, and various cancers. Tobacco use has been associated with cancer and cardiovascular disease. Illicit drug use is also related to other health problems such as heart disease and HIV/AIDS. Social problems like crime and academic achievement are also affected by drug use. But, while the literature suggests correlations between substance use and other health and social problems, the proportion of these problems directly attributable to substance abuse in Arizona, also known as attributable fractions, was not readily quantifiable or available from existing sources. Two other concerns with attributable fractions influenced the decision to only look at indicators with a direct relationship to substance use. First, even in studies

where the effect of substance abuse on chronic illness or social problems is measured, such effects may not be seen for many years or decades making it difficult to measure the effects of the State Incentive Grant's interventions. Second, several of the public health experts and epidemiologists on the working group questioned the methods used to calculate the proportion of a given problem that could be attributed to substance use.

It should be pointed out that this approach, starting with a search for indicators that can describe the consequences of substance abuse and consumption patterns, defines substance use problems in a particular way. Problems are determined by available data as opposed to starting with a community concern and then finding data to inform the extent of that concern. This approach may be problematic because only those consequences for which data exist are included in the analysis. This approach also narrowly restricts a problem or problem syndrome, such as drinking and driving, to a specific indicator or set of indicators such as arrests for driving under the influence of alcohol.

The second phase of the work consisted of analyzing available indicator data so that it could be interpreted for the purposes of the State Incentive Grant. Specifically, substance abuse consequence and consumption patterns and the populations implicated by these consequences and consumption patterns needed to be identified and priorities set among the various consequences, consumption patterns, and audiences. Once problem areas and audiences were identified, State Incentive Grant funds could be allocated to interventions to remediate these problems. Data from the first phase of the process were reviewed and a problem area identification exercise was conducted to specify those problem areas that the epidemiology work group considered most important. Once these preliminary problem areas were noted, the data were reviewed and analyzed again to specifically inform decisions that would be made for allocating State Incentive Grant funds.

Data were presented in absolute numbers and rates when rates were available or when denominators were known for rate calculation. Absolute numbers provide a sense of the number of people that are affected and the magnitude of the problem. Rates suggest if a particular population may be disproportionately affected by the problem and therefore more in need of attention. Populations affected by a particular indicator were defined and analyzed by county or sub-county geography and by age when geographic or age data were available.

In analyzing and interpreting indicators, magnitude of the problem in terms of number of people or events and disproportional distribution of the problem in the population in terms of rates were the only two methods used. With the exception of death or illness, data on the severity of an indicator or problem or its effect on an individual or society such as economic costs or productivity losses were not included in the analysis. This is a weakness of the final analysis since such data might influence priority setting if, for example, a drug has a low consumption rate relative to other drugs but its economic costs far exceed those of drugs that have higher consumption rates.

This report presents data on the indicators of substance abuse consequence and consumption that the work group investigated. It also documents some of the processes and proceedings of the work group. The report attempts to provide an overview of the effects of substance use in the state but it also interprets the data for the specific purposes of the State Incentive Grant. For this reason, after the initial data exposition, the report's analysis and findings largely address the needs of the State Incentive Grant. This means that some data are presented that do not make their way into the final problem areas. It also means that some very specific analyses are conducted on certain data sets and not on other ones in order to better inform the final problem areas. The group's final interpretations in the form of findings are included throughout the report. The problem areas that the group decided upon and a brief discussion of the problem area identification process are included in section six: Identification of Problem Areas.

Sources for the data contained in the report are cited in different ways to make the data presentation more readable. When possible, data sources are cited within the body of the table in the title or next to the indicator. When this approach becomes unwieldy and begins to clutter the table, footnotes are used instead. In general, the report or data set from which the information is derived, the date of the report, and the agency that authored the report or maintains the data are cited.

### 3. Assessment of the Magnitude of Substance Abuse in Arizona

#### 3.1 Mortality

Probably the most severe consequence of substance use is death. Table 3A presents the number of deaths caused by substance use compared to the state's five leading causes of death. A brief explanation of the various substance abuse related mortality indicators follows.

**Table 3A: Five Leading Causes of Death Compared to Alcohol/Drug Related Mortality, Arizona, 2003.**

|   |        |
|---|--------|
| <b>Alcohol/drug mortality</b>                   |        |
| Drug induced deaths <sup>1</sup>                | 646    |
| Alcohol induced deaths <sup>1</sup>             | 543    |
| Alcohol related crash deaths <sup>2</sup>       | 470    |
| Alcohol related crash deaths <sup>3</sup>       | 298    |
| Drug related fatal crashes <sup>3</sup>         | 24     |
| Alcohol related boating fatalities <sup>4</sup> | 6      |
| <b>Five leading causes of death<sup>1</sup></b> |        |
| Disease of heart                                | 10,649 |
| Malignant Neoplasm (cancer)                     | 9,451  |
| Chronic lower respiratory diseases              | 2,522  |
| Cerebrovascular diseases                        | 2,466  |
| Accidents (unintentional injury)                | 2,356  |

<sup>1</sup> *Arizona Health Status and Vital Statistics*, 2003 data, Arizona Department of Health Services. Available online: <http://www.azdhs.gov/plan/index.htm> [cited September 13, 2005].

<sup>2</sup> *Arizona: Toll of Motor Vehicle Crashes, 2003*, National Highway Traffic Safety Administration. Available online: <http://www.nhtsa.dot.gov/stsi/>. [cited September 13, 2005]. Federal estimates differ from state reports due to the estimation method used to classify fatal accidents for which alcohol involvement is unknown.

<sup>3</sup> *2003 Arizona Crash Facts Summary*, 2004, Arizona Department of Transportation. Available on-line: <http://www.azdot.gov/MVD/statistics/crash/index.asp>. [cited September 13, 2005].

<sup>4</sup> *2003 Arizona Boating Safety Report*, 2004. Arizona Game and Fish Department.

**3.1.1 Drug and alcohol induced deaths.** The Department of Health Services includes poisoning by, misuse of, abuse of, or dependence on drugs, medication, and biological substances other than alcohol in its drug induced death category. Accidental overdoses of drugs, intentional self-poisoning and drug abuse are the three major categories for drug related mortality. In 2003, there were 1,189 deaths attributed to alcohol and drugs.

3.1.2 *Alcohol and drug related crash deaths.* The Department of Transportation collects data on crashes and crash injuries and deaths. These include crashes in which the driver had been impaired by drinking or had been under the influence of narcotic or prescription drugs. In 2003 there were 298 alcohol related crash deaths and 24 drug related crash deaths. The National Highway Traffic Safety Administration amends the state agency's statistics by estimating how many of the unclassified traffic deaths can be attributed to alcohol. Their estimation method increases the Department of Transportation's figure to 470 alcohol related crash deaths in Arizona.

3.1.3 *Alcohol related boating fatalities.* The Arizona Game and Fish Department reports on alcohol related accidents and fatalities on the state's waterways. In 2003, there were 6 alcohol related boating fatalities.

**Finding: As seen in Table 3A, deaths associated with substance use are relatively small when compared to the five leading causes of death in Arizona.** This suggests two things. First, any intervention targeting death directly related to substance use would have little affect on the state's overall mortality. Second, because there are so few deaths directly attributable to drugs and alcohol, measuring an intervention's success would be difficult because there is so little to change.

### **3.2 Morbidity**

In this report, morbidity refers to illnesses or injuries, both physical and psychological, directly attributable to substance use. To give an idea of the extent of a particular illness or type of injury, Table 3B ranks indicators according to the number of people experiencing the problem or occurrences of the problem event. The indicators in Table 3B can be grouped into four domains: clinical dependence or abuse, drunk and drugged driving and boating, hospital discharges and emergency department visits, and HIV/AIDS. Subsequent tables group the indicators and discuss each domain.

**Finding: As seen in Table 3B, the absolute numbers for substance use problems related to illness or injury are much greater than the absolute numbers for deaths related to substance use. Focusing on reducing substance use related injury and illness provides a much larger target for intervention and would also reduce deaths related to substance use.**



**Table 3B: Alcohol/Drug Related Morbidity, Arizona, 2003 Unless Otherwise Noted.**

|  |                        |
|--|------------------------|
| Estimated number of people with past year dependence or abuse for any illicit drug or alcohol, 2002 and 2003 averages <sup>1</sup>       | 488,000 (12 and older) |
| Estimated number of persons driving in the past 30 days when they think they have had too much to drink, 2004 <sup>2</sup>               | 132,034                |
| Arrests for driving under the influence <sup>3</sup>   | 39,536                 |
| Non-dependent abuse of drugs related ED visits, (July-December, 2003 <sup>4</sup>  | 30,298                 |
| Hospital discharges related to alcohol abuse, 2003 <sup>4</sup>  | 19,507                 |
| Hospital discharges related to drug dependence or drug abuse, 2003 <sup>4</sup>  | 19,102                 |
| Alcohol related crashes <sup>5</sup>   | 7,800                  |
| Alcohol related crash injuries <sup>5</sup>  | 6,215                  |
| Drug and alcohol dependence neuroses related ED visits, July-December, 2003 <sup>4</sup>   | 5,321                  |
| First listed diagnoses of nondependent abuse of drugs in ED visits, July-December, 2003 <sup>4</sup>                                     | 5,134                  |
| Number of families in Child Protective Services that were referred for substance abuse treatment (Families F.I.R.S.T), 2004 <sup>6</sup> | 3,135                  |
| Drug and alcohol psychoses related ED visits, July-December, 2003 <sup>4</sup>   | 1,810                  |
| First listed diagnoses of alcohol dependence in ED visits, July-December, 2003 <sup>4</sup>  | 1,808                  |
| First listed diagnoses of drug psychoses in ED visits, July-December, 2003 <sup>4</sup>  | 678                    |
| Hospital discharges related to noxious influences (narcotics, hallucinogens, and cocaine) affecting the fetus, 2003 <sup>4</sup>         | 517                    |
| HIV infection or AIDS incidence with injecting drug use as the mode of transmission, 1998-2002 <sup>7</sup>                              | 500                    |
| First listed diagnoses of alcohol psychoses in ED visits, July-December, 2003 <sup>4</sup>   | 484                    |
| Drug related crash injuries <sup>5</sup>   | 325                    |
| First listed diagnoses of drug dependence in ED visits, July-December, 2003 <sup>4</sup>   | 322                    |
| HIV infection and AIDS incidence with injecting drug use/men who have sex with men as mode of transmission, 1998-2002 <sup>7</sup>       | 259                    |
| Alcohol related boating injuries <sup>8</sup>  | 140                    |

<sup>1</sup> *National Survey on Drug Use and Health*, 2002 and 2003 averages. Substance Abuse and Mental Health Services Administration. Available on-line: <http://oas.samhsa.gov/>. [cited September 13, 2005]

<sup>2</sup> *Behavioral Risk Factor Survey*, personal communication, Arizona Department of Health Services. The BRFSS provides an estimated percentage of 3.2% for people reporting driving in the past 30 days when they think they have had too much to drink. Population computed by using 2003 population estimates for individuals 18 years old and older of 4,126,072.

<sup>3</sup> *Crime in Arizona 2003, 2004*. Arizona Department of Public Safety. Available on-line: <http://www.azdps.gov/crimereport/default.asp>. [cited September 13, 2005].

<sup>4</sup> *Hospital Discharge Database*, 2003 data. Arizona Department of Health Services. Available online: <http://www.azdhs.gov/plan/index.htm>. [cited September 13, 2005].

<sup>5</sup> *2003 Arizona Crash Facts Summary*, 2004, Arizona Department of Transportation. Available on-line: <http://www.azdot.gov/MVD/statistics/crash/index.asp>. [cited September 13, 2005].

<sup>6</sup> *Families FIRST*, 2004 personal communication. Department of Economic Security.

<sup>7</sup> *Arizona Statistics*, Office of HIV/AIDS, Department of Health Services. Available on-line: <http://www.azdhs.gov/phs/hiv/pdf/arizona.pdf>. [cited September 13, 2005].

<sup>8</sup> *2003 Arizona Boating Safety Report*, 2004. Arizona Game and Fish Department.

**3.2.1 Clinical dependence or abuse.** Estimates for the number of people in Arizona that have a clinical problem with dependence or abuse of alcohol or drugs are provided by the *National Survey on Drug Use and Health*. Clinical dependence and abuse is measured using criteria from the *Diagnostic and Statistical Manual of Mental Disorders, 4<sup>th</sup> edition* and is diagnosed when alcohol or drug use is chronic or excessive enough to cause behavioral, psychological, or lifestyle problems. Using data from the 2002 and 2003

survey, it is estimated that almost one-half million people in Arizona, ages 12 and older, are dependent on or abuse alcohol and/or drugs (Table 3B).

**3.2.2 Drunk and drugged driving and boating.** Table 3C groups driving and boating consequences together. The Department of Transportation reported 7,800 alcohol related crashes causing 6,215 injuries. Another 325 injuries resulted from drug related crashes. The Game and Fish Department reports 140 alcohol related boating injuries.

Even though drinking and driving is not an illness or injury in itself, this behavior is a necessary antecedent to alcohol related injury or death and clearly increases the risk for injury and death. For this reason, several different indicators that address the prevalence of drinking and driving are included in this section.

According to the 2003 *Behavioral Risk Factor Survey* conducted by the Department of Health Services, 105,859 people are estimated to have been driving in the past 30 days when they thought they had too much to drink. Arrests for driving under the influence of alcohol is another measure of the prevalence of this risky behavior. According to the Department of Public Safety, there were 39,536 arrests in Arizona for driving under the influence of alcohol in 2003. This figure should be interpreted cautiously since arrests can be influenced by administrative decisions such as increased law enforcement activity to identify drunk drivers.

| <b>Table 3C: Drunk and Drugged Driving and Boating, Arizona, 2003 Unless Otherwise Noted.</b>             |         |
|---|---------|
| Persons estimated to be driving in the past 30 days when they think they have had too much to drink, 2004 | 105,859 |
| Arrests for driving under the influence   | 39,536  |
| Alcohol related crashes   | 7,800   |
| Alcohol related crash injuries  | 6,215   |
| Drug related crash injuries   | 325     |
| Alcohol related boating injuries  | 140     |

Source: See sources for Table 3B.

**3.2.3 Hospital and emergency department data.** The Department of Health Services maintains a database with information about hospital inpatient and emergency department discharges. Under the uniform patient reporting system mandated by A.R.S. 36-125.05, all of Arizona's licensed, non-federal hospitals (except for psychiatric hospitals) are required to report a set of data to the Department of Health Services on a biannual basis, on February 15th and August 15th each year. Each data set report includes inpatient and emergency department hospital discharges for a six-month period by each hospital. The Department currently collects approximately 2.2 million discharge records annually from the state's 82 licensed hospitals. These data related to substance use are presented in Table 3D.

When an admitted patient leaves a hospital or when an individual visits an emergency department, up to nine diagnoses are recorded. Diagnoses are based on the *International*

*Classification of Diseases, 9<sup>th</sup> Revision.* Data are reported for drug and alcohol related diagnoses that were listed as the primary or first diagnoses as well as drug and alcohol related diagnoses that occurred in any of the nine diagnoses. The largest diagnoses category related to substance use was for emergency department visits related to non-dependent abuse of drugs. In a six-month period, 30,298 emergency department visits had a mention of this diagnosis. Hospital discharges related to alcohol abuse (19,507) and hospital discharges related to drug dependence or drug abuse (19,102) followed. Diagnoses of alcohol and drug related neuroses or psychoses are much lower than diagnoses of dependence or abuse. There were 5,321 visitors to emergency departments that had a mention of drug or alcohol neuroses diagnoses in a six-month period and 1,810 visitors to emergency departments that had a mention of drug or alcohol psychoses diagnoses.

Hospitals regularly test newborns for what are called noxious substances, i.e. narcotics, hallucinogens, and cocaine. According to the hospital discharge database, there were 517 discharges of newborns that tested positive for such substances.

| <b><i>Table 3D: Hospital and Emergency Department Discharges and Visits Related to Substance Use, Arizona.</i></b>  |        |
|---|--------|
| Non-dependent abuse of drugs related ED visits (July-December, 2003)  | 30,298 |
| Hospital discharges related to alcohol abuse, 2003  | 19,507 |
| Hospital discharges related to drug dependence or drug abuse, 2003  | 19,102 |
| Drug and alcohol dependence neuroses related ED visits (July-December, 2003)  | 5,321  |
| First listed diagnoses of nondependent abuse of drugs in ED visits (July-December, 2003)                            | 5,134  |
| Drug and alcohol psychoses related ED visits, (July-December, 2003)   | 1,810  |
| First listed diagnoses of alcohol dependence in ED visits (July-December, 2003)                                     | 1,808  |
| First listed diagnoses of drug psychoses in ED visits (July-December, 2003)   | 678    |
| Hospital discharges related to noxious influences affecting the fetus (2003), Narcotics, hallucinogens, and cocaine | 517    |
| First listed diagnoses of alcohol psychoses in ED visits (July-December, 2003)                                      | 484    |
| First listed diagnoses of drug dependence in ED visits (July-December, 2003)  | 322    |

Source: See sources for Table 3B.

**3.2.4 HIV/AIDS.** HIV infection as a direct result of substance use is relatively small compared to other morbidity indicators. According to the Department of Health Services, from 1998 to 2002, 500 cases of HIV infection were reported as a result of injection drug use (Table 3B). This increases to 759 cases when cases that also fall under the risk category of men who have sex with men and inject drugs are added.

### 3.3 Consumption Patterns and Other Consequences

3.3.1 *Alcohol and illicit drugs.* Patterns of alcohol and illicit drug consumption and other consequences of substance use not directly related to death or illness are discussed in this section. Consumption does not necessarily result in death or illness but some consumption patterns such as binge drinking or illicit drug use predict health consequences better than others due to the impairment following such use. Other consequences such as arrests for drug possession suggest a social cost in terms of infringement of laws and behavioral norms.

Table 3E presents alcohol and drug use data for Arizona from the *National Survey on Drug Use and Health* on a variety of substances. Alcohol, cigarette, and illicit drug use estimates are provided for individuals, ages 12 and older, and alcohol use estimates are provided for individuals 12 to 20 years old. While responsible alcohol consumption for adults may not be a problem, binge drinking, defined as five or more drinks in one sitting, often leads to impairment that can lead to injury or may be a marker for alcohol abuse or dependence. Because alcohol use is illegal for those individuals under the age of 21, both alcohol use and binge alcohol use present a potential problem for this age group. It is estimated that approximately 20 percent of the state's population, ages 12 and older, has engaged in binge drinking in the past month.

| <b>Table 3E: Alcohol/Drug Consumption, Arizona Estimates, 2002 and 2003 Averages.</b> |           |
|---|-----------|
| Past month alcohol use (12 and older)   | 2,217,000 |
| Past month cigarette use (12 and older)   | 1,215,000 |
| Past month binge alcohol use (12 and older)   | 1,075,000 |
| Past month illicit drug use (12 and older)  | 392,000   |
| <b>Underage alcohol use</b>   |           |
| Past month alcohol use (averages 12 to 20)  | 204,000   |
| Past month binge alcohol use (12 to 20)   | 136,000   |

Source: *National Survey on Drug Use and Health*, 2002 and 2003 averages. Substance Abuse and Mental Health Services Administration. Available on-line: <http://oas.samhsa.gov/>. [cited September 13, 2005].

The *Arizona Youth Survey* that is conducted every other year among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students in Arizona schools provides another measure of youth substance use. Alcohol and illicit drug use prevalence data from the *Arizona Youth Survey* is presented in Table 3F. According to the *Arizona Youth Survey* estimates, 36 percent of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students have used alcohol in the past month and 23 percent have engaged in binge drinking in the past two weeks. Twenty-one percent of students surveyed report using an illicit drug in the past month.

The *Arizona Youth Survey* samples respondents based on grade and not age. For this reason it is difficult to compare *Arizona Youth Survey* findings with those from the *National Survey on Drug Use and Health*. Comparisons between the two surveys should be done with caution.

**Table 3F: Percentage of Students Reporting Various Substance Use by Grade, Arizona, 2004.**

|   | Grade 8 | Grade 10 | Grade 12 | Total |
|---|---------|----------|----------|-------|
| Alcohol use, past 30 days                                     | 25.3    | 41.3     | 51.1     | 36.3  |
| Binge drinking, past two weeks                                | 16.0    | 25.1     | 32.5     | 22.7  |
| Any illicit drug (excludes alcohol and tobacco), past 30 days | 17.9    | 23.6     | 25.1     | 21.4  |
| Cigarette use, past 30 days                                   | 10.7    | 17.7     | 24.4     | 16.1  |

Source: *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available online: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

**Finding: Of all substance use patterns measured, alcohol consumption and binge alcohol consumption affect the most people, including youth.**

3.3.2 *Methamphetamine*. Methamphetamine use and its consequences have been widely discussed by law enforcement agencies, the media, and community and civic groups. Because of the alarm raised by methamphetamine use, the epidemiology work group analyzed this drug's consumption and consequences separately.

Recent estimates of methamphetamine use in Arizona are not available from the *National Survey on Drug Use and Health*. Representatives for the *Survey* stated that the sample of people reporting using methamphetamine was too small to reliably develop estimates of yearly, state level use. Data from several years of the *Survey* will be combined to provide recent estimates in a forthcoming report. Table 3G presents lifetime, past year, and past month illicit drug use including methamphetamine for Arizona based on 1999, 2000, and 2001 samples from the *National Survey on Drug Use and Health*.

**Table 3G: Illicit Drug Use among Persons Aged 12 and Older, Arizona Percentage Estimate, Averages Based on 1999, 2000, and 2001 Samples.**

|                       | Lifetime | Past Year | Past Month |
|-----------------------|----------|-----------|------------|
| Marijuana and hashish | 36.9     | 8.2       | 4.9        |
| Cocaine               | 14.1     | 2.3       | 0.9        |
| Heroin                | 1.6      | 0.2       | 0.2        |
| Hallucinogens         | 13.4     | 1.7       | 0.5        |
| Inhalants             | 8.9      | 1.0       | 0.3        |
| Pain relievers        | 9.8      | 3.4       | 1.6        |
| Tranquilizers         | 5.3      | 1.4       | 0.5        |
| Methamphetamine       | 5.9      | 0.9       | 0.5        |
| Sedatives             | 3.0      | 0.2       | 0.1        |

Source: *National Survey on Drug Use and Health*, 1999, 2000, and 2001 samples, personal communication. Substance Abuse and Mental Health Services Administration.

**Finding: The number of people using methamphetamine in Arizona is too small for national surveys to develop reliable, current estimates of use in the population. Based on past survey samples, methamphetamine use is much lower than**

**marijuana, cocaine, and non-medical pain reliever use. The past month use of methamphetamine is similar to hallucinogens and inhalants use.**

The *Arizona Youth Survey* provides a measure of methamphetamine use for 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students in Arizona. Table 3H presents the percentages of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students that are estimated to use a variety of alcohol and drugs in the past 30 days and at any previous time in their life. In 2002, 2 percent of students were estimated to have used methamphetamine in the past 30 days. In 2004, the question was modified and collapsed methamphetamine in to the class of stimulants. 2.3 percent of students were estimated to have use stimulants in the past 30 days.

**Table 3H: Estimated Percents of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> Grade Students Using Alcohol, Tobacco, and Other Drugs, Arizona, 2002 and 2004.**

|                       | Lifetime |                  | 30-day day |                  |
|-----------------------|----------|------------------|------------|------------------|
|                       | 2002     | 2004             | 2002       | 2004             |
| Alcohol               | 69.2     | 63.3             | 46.4       | 36.3             |
| Cigarettes            | 49.3     | 42.0             | 16.5       | 16.1             |
| Smokeless Tobacco     | 10.9     | 10.6             | 4.8        | 3.4              |
| Marijuana             | 38.8     | 31.3             | 20.5       | 13.8             |
| Inhalants             | 10.9     | 11.8             | 4.1        | 3.9              |
| Hallucinogens         | 7.4      | 4.6              | 2.6        | 2.0              |
| Cocaine               | 8.0      | 6.8              | 3.3        | 2.5              |
| Methamphetamine       | 5.9      | 5.5 <sup>1</sup> | 2.0        | 2.3 <sup>1</sup> |
| Steroids              | 2.5      | N/A              | 1.2        | N/A              |
| Heroin                | 2.9      | 2.1              | 1.3        | 0.7              |
| Sedatives/Barbituates | 4.9      | 14.8             | 2.3        | 7.2 <sup>2</sup> |
| Ecstasy               | 8.3      | 3.8              | 3.1        | 0.9              |

Source: *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available on-line: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

<sup>1</sup> The category of “Stimulants” was used in the 2004 survey and included “amphetamines,” “meth,” “crystal,” and “crank” as examples.

<sup>2</sup> Different drugs were included in 2002 survey so the 2004 value is not comparable.

Another data set that can be used to measure methamphetamine use come from the *Youth Risk Behavior Survey*, a study conducted with a representative, school-based sample of Arizona 9<sup>th</sup> through 12<sup>th</sup> grade students. As shown in Table 3I, 8.6 percent of students reported using methamphetamine in their lifetime in 2003, which is considerably lower than the percentage of students reporting lifetime alcohol, marijuana, cocaine, and inhalant use.



**Table 3I: Percentage of Students Reporting Lifetime Use of Alcohol or Drugs, Arizona, 2003.**

|                               |       |
|-------------------------------|-------|
| At least one drink of alcohol | 78.4% |
| Marijuana                     | 45.3% |
| Cocaine, any form             | 12.7% |
| Inhalants                     | 12.6% |
| Methamphetamine               | 8.6%  |
| Ecstasy                       | 7.8%  |
| Steroids                      | 4.8%  |
| Heroin                        | 2.5%  |
| Injecting illegal drugs       | 2.0%  |

Source: *Youth Risk Behavior Surveillance System*, Centers for Disease Control and Prevention. Available online: <http://www.cdc.gov/HealthyYouth/yrbs/index.htm>. [cited September 13, 2005].

National estimates from the 2002 and 2003 *National Survey on Drug Use and Health* for 30-day day and lifetime methamphetamine use are presented in Table 3J. Nationally the percentage of 12 to 17 year olds reporting using methamphetamine is below 2 percent.

**Table 3J: Methamphetamine Use in Lifetime and Past 30 Days, U.S. Percentage Estimates, 2002 and 2003 Averages.**

|              | Lifetime |      | 30-day Day |      |
|--------------|----------|------|------------|------|
|              | 2002     | 2003 | 2002       | 2003 |
| 12-17        | 1.5      | 1.3  | 0.3        | 0.3  |
| 18-25        | 5.7      | 5.2  | 0.5        | 0.6  |
| 26 and older | 5.7      | 5.7  | 0.2        | 0.2  |

Source: *National Survey on Drug Use and Health*, 2002 and 2003 averages. Substance Abuse and Mental Health Services Administration.

**Finding: Based on current measures of adult and youth substance use, methamphetamine is one of the least used drugs relative to alcohol, tobacco, and marijuana. Inhalants and cocaine are used slightly more than methamphetamine.**

Another way to consider methamphetamine in addition to the number of people using the drug is to look at its effects on health and other social systems such as criminal justice. The federal *Treatment Episode Data Set* provides one measure of effect. The data set reports on the primary substance for which a person was admitted into publicly funded treatment. According to the data presented in Table 3K, amphetamines, including methamphetamine, accounted for the second largest number of treatment admissions, more than marijuana or alcohol as the sole drug of use. These data should be interpreted with caution since it is not clear what proportion of amphetamines is accounted for by methamphetamine. In addition, more than 50 percent of reported treatment admissions in Arizona did not list a primary drug. These data might look very different were these unknowns to be included.

| <b>Table 3K: Primary Substance Reported upon Treatment Admission, Numbers and Percentages, Arizona, 2003</b> |              |                             |                  |                       |           |        |               |               |              |                  |               |           |           |               |
|--|--------------|-----------------------------|------------------|-----------------------|-----------|--------|---------------|---------------|--------------|------------------|---------------|-----------|-----------|---------------|
| Total  | Alcohol only | Alcohol with Secondary Drug | Cocaine (smoked) | Cocaine (other route) | Marijuana | Heroin | Other opiates | Hallucinogens | Amphetamines | Other stimulants | Tranquilizers | Sedatives | Inhalants | Other/Unknown |
| 15,879   | 1,417        | 2,068                       | 343              | 321                   | 1,014     | 611    | 71            | 10            | 1,625        | 46               | 22            | 9         | 10        | 8,312         |
| 100.0%   | 8.9%         | 13.0%                       | 2.2              | 2.0                   | 6.4       | 3.8    | 0.4           | 0.1           | 10.2         | 0.3              | 0.1           | 0.1       | 0.1       | 52.3          |

Source: *Treatment Episode Data Set*, 2003 data. Substance Abuse and Mental Health Services Administration. Available online: <http://www.dasis.samhsa.gov/webt/quicklink/AZ03.htm>. [cited September 13, 2005].



**Finding: While the prevalence of methamphetamine use is low, the affect on the publicly funded treatment system appears to be high in terms of number of treatment admissions.**

Other claims have been made about the effects of methamphetamine use on the child welfare system, the criminal justice system, and the health care system. For example, the media frequently reports on the increase in methamphetamine users in emergency rooms or the disproportionate affect of methamphetamine use on crime and law enforcement resources. This data would provide another measure of the severity of methamphetamine use but was not available for this report.

*3.3.3 Substance use and criminal justice.* Table 3L presents data on a variety of indicators related to substance use and the criminal justice system. It should be noted that these data are subject to changes in enforcement and sentencing practice and therefore do not necessarily reliably reflect the prevalence of substance use in the state.

Substance use that results in encounters with law enforcement, the courts, and corrections is not directly related to death and illness. Its importance as a problem would be derived from other criteria such as financial costs to government for processing and maintaining offenders, burden on victims as a result of the drug offender's behavior, and moral or social costs related to violations of community norms.

Arrest data comes from the *Crime in Arizona, 2003* report that is compiled by the state's Department of Public Safety from reports submitted by local law enforcement agencies. Not all law enforcement agencies in the state submit data so arrests are underreported in these figures. Sentencing data is provided by the Administrative Office of the Courts and commitment data is provided by reports from the Department of Corrections and the Department of Juvenile Corrections.

**Finding: The burden of substance use on the criminal justice system is substantial with more than 72,000 arrests reported for substance use related crimes. Driving under the influence accounts for more than half these arrests. Arrests for driving under the influence, arrests for drug possession, and the number of adults sentenced to probation account for 83 percent of the criminal justice encounters.**

**Table 3L: Substance Use and Criminal Justice, Arizona, 2003 and 2004 as Noted.**

|  |        |
|--|--------|
| Arrests for driving under the influence, 2003 <sup>1</sup>                             | 39,536 |
| Arrests for drug possession, 2003 <sup>1</sup>   | 27,866 |
| Adults sentenced to probation for drug offenses, 2004 <sup>2</sup>                     | 18,525 |
| Arrests for drug sale or manufacturing, 2003 <sup>1</sup>                              | 5,520  |
| Adults sentenced to probation for DUI offenses, 2004 <sup>2</sup>                      | 4,633  |
| Commitments to Department of Corrections for dangerous drugs, 2003 <sup>3</sup>        | 3,330  |
| Commitments to Department of Corrections for DWI, 2003 <sup>3</sup>                    | 2,675  |
| Juveniles with disposition of probation or intensive probation, 2004 <sup>4</sup>      | 1,698  |
| Commitments to Department of Juvenile Corrections for drug offenses, 2003 <sup>5</sup> | 126    |

<sup>1</sup> *Crime in Arizona 2003, 2004.* Arizona Department of Public Safety. Available on-line: <http://www.azdps.gov/crimereport/default.asp>. [cited September 13, 2005].

<sup>2</sup> *Arizona Adult Probation Population: Fiscal Year 2004, 2005.* Adult Probation Services Division, Administrative Office of the Courts. Available on-line: <http://www.supreme.state.az.us/apsd/azprobpop.htm>. [cited September 13, 2005].

<sup>3</sup> *Annual Report Fiscal Year 2003, 2004.* Arizona Department of Corrections. Available on-line: <http://www.azcorrections.gov/reports/reports.htm>. [cited September 13, 2005].

<sup>4</sup> *Juveniles Processed in the Arizona Court System FY2004, 2005.* Juvenile Justice Services Division, Administrative Office of the Courts. Available on-line: [http://www.supreme.state.az.us/jjsd/juvenilesproce/Juveniles\\_Processed\\_FY04.pdf](http://www.supreme.state.az.us/jjsd/juvenilesproce/Juveniles_Processed_FY04.pdf). [cited September 13, 2005].

<sup>5</sup> *Creating a Difference for Arizona's Youth: The Arizona Department of Juvenile Corrections FY '04 Annual Performance Report, July 1, 2003 – June 30, 2004, 2005.* Arizona Department of Juvenile Corrections. Available on-line: <http://www.azdjcc.gov/AgencyInfo/AnnualRpt04.pdf>. [cited September 13, 2005].

**3.3.4 Substance use and education.** Table 3M presents data on the number of disciplinary actions that are taken as the result of the possession, use, or distribution of alcohol, tobacco, or illegal drugs on Arizona's school campuses, grades kindergarten through 12. Disciplinary actions are of three types: expulsions or removals for at least one year, suspensions or removal from school for 10 days or more but less than one year, and transfers or placement in a specialized schools for disciplinary reasons for at least one year.

As with arrests, disciplinary actions are not representative of the problems that drugs and alcohol cause on school campus but are more a measure of the administrative response to these substances as they are discovered on campuses. Still, the response is significant with more than 4,000 instances of suspension, expulsion, and transfer reported in 2004 as a result of alcohol, tobacco, or drugs.

**Table 3M: Disciplinary Actions for Possession, Use, or Distribution of Alcohol, Illegal Drugs, and Tobacco, Arizona, 2004.**

|  | Disciplinary action |            |          | Total |
|--|---------------------|------------|----------|-------|
|  | Expulsion           | Suspension | Transfer |       |
| Possession of alcohol                              | 54                  | 577        | 49       | 680   |
| Possession, use, and distribution of illegal drugs | 327                 | 2,380      | 330      | 3,037 |
| Possession and use of tobacco                      | 24                  | 192        | 2        | 918   |

Source: Arizona Department of Education, 2004, personal communication.

### **3.4 Select Problem Indicators by Age**

An analysis of problem indicators by age is meant to describe the age groups that are experiencing the most substance abuse related problems and age groups that might benefit the most by interventions.

Age breakdowns are provided for problem indicators that affect large numbers of people and for which age data are available. Given the small number of deaths directly caused by substance use, drug related mortality was not analyzed by age.

The data presented in this section points to the age group that experiences a particular problem but do not describe when the antecedents to problem behaviors first appear or the age at which the presence of the antecedents is most critical in forming the problem behavior. The type of intervention will vary depending on how this age data is used. Interventions that seek to prevent the occurrence of a problem behavior could target individuals that are younger than those age groups with a high rate of the problem behavior. An intervention could also target an age group with high rates of the problem behavior with the intention of reaching individuals in that group that have not yet engaged in the problem behavior. If the intervention sought to prevent a reoccurrence of the problem behavior, age groups with high rates of the problem behavior could be targeted.

**3.4.1 Consumption.** Table 3N presents substance use consumption data from the *National Survey on Drug Use and Health* by age groups. Table 3O presents substance use consumption data from the *Arizona Youth Survey* by 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade levels.

**Table 3N: Selected Drug Use and Alcohol or Illicit Drug Dependence or Abuse, Estimated Numbers and Rates Per 1,000 People in Age Group in Arizona, 2002 and 2003 Averages.**

|   | 12-17  |        | 18-25   |        | 26+       |        |
|---|--------|--------|---------|--------|-----------|--------|
|   | Number | Rate   | Number  | Rate   | Number    | Rate   |
| Alcohol or Illicit Drug Dependence or Abuse | 52,000 | 105.36 | 141,000 | 222.79 | 295,000   | 85.91  |
| Alcohol Dependence or Abuse                 | 36,000 | 72.94  | 117,000 | 184.86 | 258,000   | 75.13  |
| Past month illicit drug use                 | 61,000 | 123.60 | 114,000 | 180.12 | 217,000   | 63.19  |
| Past month alcohol use                      | 91,000 | 184.38 | 352,000 | 556.18 | 1,774,000 | 516.64 |
| Past month binge alcohol use                | 58,000 | 117.52 | 250,000 | 395.02 | 767,000   | 223.37 |
| Past month cigarette use                    | 62,000 | 125.62 | 234,000 | 369.73 | 919,000   | 267.64 |

Source: National Survey on Drug Use and Health, 2002 and 2003 averages. Substance Abuse and Mental Health Services Administration. Available on-line: <http://oas.samhsa.gov/>. [cited September 13, 2005]

**Table 3O: Percentage of Students Reporting Various Substance Use by Grade, Arizona, 2004.**

|                                | Grade 8 | Grade 10 | Grade 12 | Total |
|--------------------------------|---------|----------|----------|-------|
| Alcohol, past 30 days          | 25.3    | 41.3     | 51.1     | 36.3  |
| Binge drinking, past two weeks | 16.0    | 25.1     | 32.5     | 22.7  |
| Cigarettes, past 30 days       | 10.7    | 17.7     | 24.4     | 16.1  |
| Any illicit drug, past 30 days | 17.9    | 23.6     | 25.1     | 21.4  |

Source: Arizona Youth Survey: State Report, 2004. Arizona Criminal Justice Commission. Available on-line: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

**Finding:** According to the estimates in Table 3N, 18 to 25 year olds have the highest rates for all substance use including alcohol or illicit drug dependence or abuse and past month binge alcohol use. Twelve to seventeen year olds have the second highest rates for alcohol or illicit drug dependence or abuse and past month illicit drug use.

**Finding:** According to Table 3O, 12<sup>th</sup> grade has the highest percentage of students that have used alcohol, tobacco, and illicit drugs in the past 30 days or have engaged in binge drinking in the past two weeks.

**Finding:** Even though the 8<sup>th</sup> grade does not have the highest percentage of past 30-day day substance users, the 8<sup>th</sup> grade has a substantial percentage of students reporting alcohol or illicit drug use in the past 30 days, anywhere from 21 percent for illicit drugs and 36 percent for alcohol use.

**Finding:** The estimated rate of 12 to 17 year olds using illicit drugs in the past 30 days (123.6/ 1,000) is higher than the estimated rate of 12 to 17 year olds who report binge drinking in the past 30 days (117.52/1,000)

3.4.2. *Hospital discharges and emergency department visits.* Rates by age group for hospital discharge and emergency department visits are presented in Tables 3P and 3Q.

Most drug-related emergency room visits and hospital discharges result from the non-dependent abuse of drugs. According to the *International Classification of Diseases, Ninth Revision, Clinical Modification*, the non-dependent abuse of drugs diagnosis “includes cases where a person, for whom no other diagnosis is possible, has come under medical care because of the maladaptive effect of a drug on which he is not dependent and that he has taken on his own initiative to the detriment of his health or social functioning.” Alcohol and drug psychosis and dependence are rare in emergency departments compared to non-dependent abuse of drugs.

**Finding: Rates and absolute numbers for non-dependent abuse of drugs among emergency department visits and hospital discharges are highest among 20-44 year olds.**

**Finding: Rates for most drug-related disorders diagnosed in emergency department visits and hospital discharges are highest among 20-44 year olds. Rates for drug related disorder diagnoses are also relatively high in the 45-64 year old age group.**

**Finding: For disorders related to alcohol, rates are highest among 45-64 year olds in both emergency department visits and hospital discharges. Rates of diagnoses for alcohol abuse in hospital discharges remain high among those 65 and older.**

**Table 3P: Emergency Department Visits and Rates per 100,000 People in Age Group for Alcohol/Drug Psychoses and Neuroses, Arizona, July-December 2003.**

|  | <15    |       | 15-19  |        | 20-44  |        | 45-64  |        | 65+    |        | Unknown |
|--|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
|  | Visits | Rate  | Visits | Rate   | Visits | Rate   | Visits | Rate   | Visits | Rate   |         |
| Drug psychosis, all mention                          | 1      | —     | 45     | 11.16  | 648    | 31.48  | 301    | 25.63  | 85     | 11.6   | 0       |
| Alcohol psychosis, all mentions                      | 0      | —     | 1      | —      | 434    | 21.08  | 267    | 22.73  | 28     | 3.82   | 0       |
| Drug dependence neuroses, all mentions               | 2      |       | 51     | 12.65  | 1,001  | 48.63  | 454    | 38.66  | 63     | 8.59   | 0       |
| Non-dependent abuse of drugs, neuroses, all mentions | 285    | 22.58 | 2,457  | 609.54 | 18,762 | 911.61 | 7,332  | 624.43 | 1,449  | 197.75 | 13      |
| Alcohol dependence syndrome neuroses, all mentions   | 7      | .55   | 93     | 23.07  | 2,135  | 103.73 | 1,388  | 118.21 | 124    | 16.92  | 3       |

Source: *Hospital Discharge Database*, 2003 data. Arizona Department of Health Services. Available online: <http://www.azdhs.gov/plan/index.htm> . [cited September 13, 2005].

**Table 3Q: Hospital Discharges Related to Drug Dependence, Drug Abuse, and Alcohol Abuse and Rates per 100,000 People in Specified Age Group, Arizona, 2003.**

|   | <15    |       | 15-19  |        | 20-44  |        | 45-64  |        | 65+    |        | Unknown |
|---|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
|   | Disch. | Rate  | Disch. | Rate   | Disch. | Rate   | Disch. | Rate   | Disch. | Rate   |         |
| Drug dependence, all mentions             | 36     | 2.85  | 232    | 57.55  | 3,094  | 150.33 | 1,747  | 148.78 | 296    | 40.39  | 0       |
| Nondependent abuse of drugs, all mentions | 114    | 9.03  | 1,159  | 287.53 | 9,000  | 437.29 | 3,159  | 269.03 | 225    | 30.7   | 1       |
| Drug psychoses, all mentions              | 57     | 4.51  | 131    | 32.49  | 1,099  | 53.39  | 880    | 74.94  | 1,249  | 170.45 | 0       |
| Alcohol abuse                             | 194    | 15.37 | 415    | 102.95 | 6,621  | 321.7  | 8,461  | 720.59 | 3,811  | 520.1  | 5       |

Source: *Hospital Discharge Database*, 2003 data. Arizona Department of Health Services. Available online: <http://www.azdhs.gov/plan/index.htm> . [cited September 13, 2005].

3.4.3 *Alcohol related car crashes.* Table 3R presents age data for alcohol related crashes.

**Finding: Drivers between the ages of 21 and 24 have the highest rates of alcohol related injury and fatal car crashes. Drivers between the ages of 25 and 34 have the second highest rate of injury and fatal crashes.**

3.4.4 *Drug and alcohol related arrests.* Table 3S presents age data for drug related arrests, including arrests for driving under the influence.

**Finding: Arrest rates for driving under the influence are highest for 18 to 24 year olds. Rates of arrests for driving under the influence continues to be problematic for drivers between the ages of 25 and 44 when compared to other age groups.**

**Finding: Eighteen to twenty-four year olds have the highest rates for all drug related arrests. Thirteen to seventeen year olds have the second highest arrest rate for drug possession.**

Figure 3A summarizes age-related data for various problem indicators. The ages at the top of the figure are not continuous because they correspond to the age groupings provided by a particular data set. Black cells indicate the ages that had the highest rates of the problem. Gray cells indicate age groups that did not have the highest problem rate but were still experiencing relatively high problem rates compared to other age groups. It should be noted that for student substance use, data for college students or students above the 12<sup>th</sup> grade level are not systematically collected.

**Finding: Highest rates for a majority of the problem indicators cluster in the 18 to 25 year old age group. In the case of hospital or emergency department discharges, the high rates extend up to the age of 44.**

**Finding: One exception to the pattern of highest rates among 18 to 25 year olds is hospital discharges with a diagnosis of alcohol abuse. In this case, the highest rates occur among people ages 45 and older.**

**Table 3R: Age of Driver in Alcohol Related Crashes and Rates per 100,000 people in the Specified Age Group, Arizona, 2003.**

|                           | 15-20   |        | 21-24   |        | 25-34   |        | 35-44   |       | 45-54   |       | 55+     |       | No report |
|---------------------------|---------|--------|---------|--------|---------|--------|---------|-------|---------|-------|---------|-------|-----------|
|                           | Drivers | Rate   | Drivers | Rate   | Drivers | Rate   | Drivers | Rate  | Drivers | Rate  | Drivers | Rate  |           |
| Drivers in fatal crashes  | 30      | 6.44   | 41      | 12.75  | 70      | 8.7    | 51      | 6.48  | 36      | 5.19  | 28      | 2.27  | 5         |
| Drivers in injury crashes | 479     | 102.83 | 685     | 210.17 | 1039    | 129.16 | 716     | 91.03 | 414     | 59.77 | 242     | 19.68 | 81        |

Source: 2003 Arizona Crash Facts Summary, 2004, Arizona Department of Transportation. Available on-line: <http://www.azdot.gov/MVD/statistics/crash/index.asp>. [cited September 13, 2005].

**Table 3S: Drug Related Arrests and Rates per 100,000 in the Specified Age Group, Arizona, 2003.**

|   | <13    |      | 13-17  |        | 18-24  |        | 25-29  |        | 30-34  |       | 35-39  |        | 40-44  |       | 45+    |       |
|---|--------|------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|-------|
|   | Arrest | Rate | Arrest | Rate   | Arrest | Rate   | Arrest | Rate   | Arrest | Rate  | Arrest | Rate   | Arrest | Rate  | Arrest | Rate  |
| Arrests for drug sale or manufacturing  | 23     | 2.08 | 471    | 146.7  | 1,663  | 300.2  | 843    | 211.8  | 789    | 194.2 | 668    | 173.2  | 548    | 136.7 | 515    | 26.8  |
| Arrests for drug possession             | 217    | 19.6 | 4,653  | 1449.5 | 9,591  | 1731.5 | 3,452  | 867.2  | 2,833  | 697.2 | 2,651  | 687.4  | 2,127  | 530.6 | 2,342  | 121.9 |
| Arrests for driving under the influence | 5      | —    | 607    | 189.1  | 11,703 | 2112.8 | 6,748  | 1695.2 | 5,433  | 1,337 | 4,278  | 1109.2 | 3,936  | 981.9 | 6,826  | 355.2 |

Source: *Crime in Arizona 2003*, 2004. Arizona Department of Public Safety. Available on-line: <http://www.azdps.gov/crimereport/default.asp>. [cited September 13, 2005].



Figure 3A: Comparison of Rates for Problem Indicators by Age Groups. (Black cells represent highest rates, gray cells represent second or third highest rates.)

| Problem  | Age |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|--|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|  | 12  | 13 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 24 | 25 | 34 | 44 | 45 | 64 | 65+ |
| Student substance use <sup>1</sup>                   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Past month illicit drug and alcohol use <sup>2</sup> |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Alcohol/illicit drug dependence/abuse <sup>2</sup>   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| DUI arrests <sup>3</sup>                             |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Drug related arrests <sup>3</sup>                    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Drug possession arrests <sup>3</sup>                 |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Drug/alcohol ED visits <sup>4</sup>                  |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Nondep. drug abuse ED <sup>4</sup>                   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Nondep. drug abuse HD <sup>4</sup>                   |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Inj/fatal alcohol related crashes <sup>5</sup>       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| Alcohol abuse HD <sup>4</sup>                        |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |

<sup>1</sup> *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available on-line: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

<sup>2</sup> *National Survey on Drug Use and Health, 2002 and 2003 averages*. Substance Abuse and Mental Health Services Administration. Available on-line: <http://oas.samhsa.gov/>. [cited September 13, 2005]

<sup>3</sup> *Crime in Arizona 2003, 2004*. Arizona Department of Public Safety. Available on-line: <http://www.azdps.gov/crimereport/default.asp>. [cited September 13, 2005].

<sup>4</sup> *Hospital Discharge Database, 2003 data*. Arizona Department of Health Services. Available online: <http://www.azdhs.gov/plan/index.htm>. [cited September 13, 2005].

<sup>5</sup> *2003 Arizona Crash Facts Summary, 2004*, Arizona Department of Transportation. Available on-line: <http://www.azdot.gov/MVD/statistics/crash/index.asp>. [cited September 13, 2005].

### **3.5 Select Problem Indicators by Geography**

This section presents data that are available at a sub-state level in order to determine geographic areas that experience higher rates of substance use related problems. Several issues should be considered in this type of analysis.

The size of the population of the county and the absolute number of substance use related events should be taken into account. A county might have a high rate of the problem compared to other counties but the county's population and the number of people experiencing the problem may be relatively small. An intervention may not be able to achieve sizable reductions in an already small audience. Population estimates in 2003 for each county are provided in Appendix B.

Looking at problems by county may mask high rates of problems in smaller geographic areas. For example, Maricopa County is so big that one rate to describe all of its constituent communities may understate a particular municipality's problems.

The relationship between problem prevalence and intervention need should be considered. A car crash may not occur in the same place that the person became intoxicated or learned the behaviors that resulted in the car crash. Similarly, arrests may occur in a particular zip code but the offender may have come from another geographic area altogether. This is even more salient for prevention interventions where antecedents to the actual problem may have developed years before the problem event and in a different location.

Sub-state data for adult substance use prevalence are generally not available for Arizona. One exception to this are data collected for the *Report on the Status of College Student Alcohol and Other Drug Use in Arizona*. These data are taken from a 2004 study of undergraduates at Arizona's three state universities. According to the report, 77 percent of undergraduates surveyed reported using alcohol during the school year and 22 percent reported having used marijuana during the school year. These findings are derived from a convenience sample of undergraduates and should be interpreted cautiously.

Tables 3T through 3W present county level data from the *Arizona Youth Survey* on past 30-day day alcohol use, past two-week binge alcohol use, past 30-day day cigarette use, and past 30-day day illicit drug use for 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students.

**Table 3T: Percentage of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> Grade Students Who Used Alcohol During the Past 30 Days, Arizona, 2004.**

|            | 8 <sup>th</sup> Grade |      | 10 <sup>th</sup> Grade |      | 12 <sup>th</sup> Grade |      |         |      |
|------------|-----------------------|------|------------------------|------|------------------------|------|---------|------|
| County     | %                     | Rank | %                      | Rank | %                      | Rank | Average | Rank |
| State      | 25.3                  |      | 41.3                   |      | 51.1                   |      | 39.2    |      |
| Apache     | 18.8                  | 13   | 38.5                   | 12   | 47.2                   | 11   | 34.8    | 13   |
| Cochise    | 31.4                  | 2    | 41.7                   | 7    | 52.3                   | 5    | 41.8    | 4    |
| Coconino   | 24.5                  | 10   | 43.2                   | 4    | 47.3                   | 10   | 38.3    | 9    |
| Gila       | 29.2                  | 5    | 39.8                   | 10   | 58.5                   | 3    | 42.5    | 3    |
| Graham     | 26.8                  | 7    | 40.5                   | 9    | 44.1                   | 13   | 37.1    | 11   |
| Greenlee   | 32.3                  | 1    | 39.7                   | 11   | 48.6                   | 8    | 40.2    | 5    |
| LaPaz      | 30.1                  | 3    | 42.7                   | 6    | 37.9                   | 15   | 36.9    | 12   |
| Maricopa   | 24.5                  | 10   | 41.5                   | 8    | 52.1                   | 6    | 39.4    | 7    |
| Mohave     | 26.6                  | 8    | 48.2                   | 3    | 55.9                   | 4    | 43.6    | 2    |
| Navajo     | 19.8                  | 12   | 35.1                   | 14   | 40.9                   | 14   | 31.9    | 14   |
| Pima       | 27.7                  | 6    | 38                     | 13   | 48.4                   | 9    | 38.0    | 10   |
| Pinal      | 29.4                  | 4    | 43.1                   | 5    | 46.9                   | 12   | 39.8    | 6    |
| Santa Cruz | 25.4                  | 9    | 50.9                   | 1    | 60.5                   | 2    | 45.6    | 1    |
| Yavapai    | 26.8                  | 7    | 49                     | 2    | 49.6                   | 7    | 41.8    | 4    |
| Yuma       | 22.5                  | 11   | 32.1                   | 15   | 61                     | 1    | 38.5    | 8    |

Source: *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available online: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

**Table 3U: Percentage of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> Grade Students Who Reported Binge Drinking in Past Two Weeks, Arizona, 2004.**

|            | 8 <sup>th</sup> Grade |      | 10 <sup>th</sup> Grade |      | 12 <sup>th</sup> Grade |      |      |      |
|------------|-----------------------|------|------------------------|------|------------------------|------|------|------|
| County     | %                     | Rank | %                      | Rank | %                      | Rank | Avg. | Rank |
| State      | 16                    |      | 25.1                   |      | 32.5                   |      | 22.7 |      |
| Apache     | 14.8                  | 12   | 24.8                   | 10   | 33.3                   | 7    | 24.3 | 9    |
| Cochise    | 20.7                  | 4    | 25.8                   | 7    | 34.4                   | 4    | 27   | 3    |
| Coconino   | 19.8                  | 5    | 26.4                   | 6    | 32.9                   | 8    | 26.4 | 5    |
| Gila       | 23.9                  | 1    | 25.4                   | 8    | 41.4                   | 3    | 30.2 | 2    |
| Graham     | 21                    | 3    | 24.5                   | 11   | 33.6                   | 6    | 26.4 | 5    |
| Greenlee   | 22.7                  | 2    | 23                     | 12   | 33.3                   | 7    | 26.3 | 6    |
| LaPaz      | 18.4                  | 7    | 29.2                   | 3    | 21.4                   | 14   | 23   | 11   |
| Maricopa   | 15.2                  | 11   | 24.5                   | 11   | 32.4                   | 9    | 24.0 | 8    |
| Mohave     | 17.3                  | 9    | 27.9                   | 4    | 33.7                   | 5    | 26.3 | 6    |
| Navajo     | 17.7                  | 8    | 25.2                   | 9    | 26.6                   | 13   | 23.2 | 10   |
| Pima       | 16.6                  | 10   | 22.5                   | 13   | 29.4                   | 11   | 22.8 | 12   |
| Pinal      | 18.6                  | 6    | 27.1                   | 5    | 27.9                   | 12   | 24.5 | 7    |
| Santa Cruz | 17.7                  | 8    | 34.6                   | 1    | 43.6                   | 1    | 32   | 1    |
| Yavapai    | 13                    | 14   | 29.7                   | 2    | 30.8                   | 10   | 24.5 | 7    |
| Yuma       | 14.1                  | 13   | 22.1                   | 14   | 43.2                   | 2    | 26.5 | 4    |

Source: *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available online: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

**Table 3V: Percentage of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> Grade Students Who Used Cigarettes During the Past 30 Days, Arizona, 2004.**

|            | 8 <sup>th</sup> Grade |      | 10 <sup>th</sup> Grade |      | 12 <sup>th</sup> Grade |      |      |      |
|------------|-----------------------|------|------------------------|------|------------------------|------|------|------|
| County     | %                     | Rank | %                      | Rank | %                      | Rank | Avg. | Rank |
| State      | 10.7                  |      | 17.7                   |      | 24.4                   |      | 17.6 |      |
| Apache     | 20.4                  | 2    | 34.6                   | 1    | 42.6                   | 1    | 32.5 | 1    |
| Cochise    | 14.9                  | 7    | 14.6                   | 12   | 23.3                   | 10   | 17.6 | 11   |
| Coconino   | 23.5                  | 1    | 23.3                   | 5    | 28.3                   | 8    | 25.0 | 4    |
| Gila       | 18.4                  | 3    | 16.4                   | 10   | 23.8                   | 10   | 19.5 | 8    |
| Graham     | 11.9                  | 9    | 16.7                   | 9    | 25.4                   | 9    | 18.0 | 10   |
| Greenlee   | 15.5                  | 6    | 34.2                   | 2    | 37.3                   | 3    | 29   | 2    |
| LaPaz      | 9.9                   | 12   | 15.6                   | 11   | 16.5                   | 14   | 14   | 14   |
| Maricopa   | 9.3                   | 13   | 16.4                   | 10   | 23                     | 12   | 16.2 | 13   |
| Mohave     | 10.4                  | 11   | 18.1                   | 8    | 29.7                   | 5    | 19.4 | 9    |
| Navajo     | 17.7                  | 4    | 23.8                   | 4    | 29.6                   | 6    | 23.7 | 5    |
| Pima       | 9.9                   | 12   | 13.8                   | 13   | 18.3                   | 13   | 14   | 14   |
| Pinal      | 15.6                  | 5    | 20.8                   | 7    | 23.5                   | 11   | 20   | 7    |
| Santa Cruz | 14.1                  | 8    | 30.6                   | 3    | 35.5                   | 4    | 26.7 | 3    |
| Yavapai    | 9.3                   | 13   | 23                     | 6    | 38.5                   | 2    | 23.6 | 6    |
| Yuma       | 10.9                  | 10   | 12                     | 14   | 29.4                   | 7    | 17.4 | 12   |

Source: *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available online: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

**Table 3W: Percentage of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> Grade Students Who Used Any Drug During the Past 30 Days, Arizona, 2004.**

|            | 8 <sup>th</sup> Grade |      | 10 <sup>th</sup> Grade |      | 12 <sup>th</sup> Grade |      |      |      |
|------------|-----------------------|------|------------------------|------|------------------------|------|------|------|
| County     | %                     | Rank | %                      | Rank | %                      | Rank | Avg. | Rank |
| State      | 17.9                  |      | 23.6                   |      | 25.1                   |      | 22.2 |      |
| Apache     | 24.3                  | 3    | 34.1                   | 1    | 36.4                   | 1    | 31.6 | 1    |
| Cochise    | 22.7                  | 7    | 22.2                   | 11   | 17.9                   | 14   | 20.9 | 12   |
| Coconino   | 27.1                  | 2    | 28.1                   | 3    | 28.2                   | 5    | 27.8 | 3    |
| Gila       | 23.5                  | 5    | 22.1                   | 12   | 25.6                   | 7    | 23.7 | 7    |
| Graham     | 27.4                  | 1    | 27.8                   | 5    | 29.6                   | 2    | 28.3 | 2    |
| Greenlee   | 18.5                  | 10   | 26.8                   | 6    | 25                     | 9    | 23.4 | 9    |
| LaPaz      | 18.8                  | 9    | 22.3                   | 10   | 10.7                   | 15   | 17.3 | 15   |
| Maricopa   | 16.1                  | 13   | 22.2                   | 11   | 25.2                   | 8    | 21.2 | 11   |
| Mohave     | 17.9                  | 11   | 24.2                   | 9    | 28.5                   | 4    | 23.5 | 8    |
| Navajo     | 23                    | 6    | 28                     | 4    | 29.4                   | 3    | 26.8 | 4    |
| Pima       | 21.2                  | 8    | 24.4                   | 8    | 23.7                   | 12   | 23.1 | 10   |
| Pinal      | 23.9                  | 4    | 26.4                   | 7    | 27                     | 6    | 25.8 | 5    |
| Santa Cruz | 17.4                  | 12   | 20.5                   | 13   | 20.8                   | 13   | 19.6 | 13   |
| Yavapai    | 15.6                  | 14   | 31.1                   | 2    | 24.8                   | 10   | 23.8 | 6    |
| Yuma       | 14.3                  | 15   | 17.7                   | 14   | 23.8                   | 11   | 18.6 | 14   |

Source: *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available online: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

There is no single county that has consistently high consumption rates across all indicators. However, a pattern can be discerned where particular counties appear more frequently among those counties with the highest problem rates. Table 3X shows how many times a county had one of the five highest percentages of use for each grade across the four indicators. The same analysis was done for the alcohol indicators by themselves and is shown in Table 3Y. An analysis of past 30-day day drug use by grade is provided in Table 3Z. A single score was obtained by adding the number of times each county was ranked in the top five in each grade category

Coconino, Apache, Gila, Mohave, and Santa Cruz counties had the highest sums indicating that, across the three grade levels, they were most frequently ranked among the five worst counties for the four problem indicators studied. When looking at just 30-day alcohol use and past two-week binge alcohol consumption, Apache county drops out and Cochise, Gila, Mohave, and Santa Cruz counties become the most problematic.

**Finding:** In looking at the combined effects of 30-day day alcohol use, past two-week binge drinking, 30-day day cigarette use, and 30-day day illicit drug use, Coconino, Apache, Gila, Mohave, and Santa Cruz counties are the most severely affected.

**Finding:** Cochise, Gila, Mohave, and Santa Cruz counties have the most problems with 30-day alcohol use and past two-week binge drinking.

**Finding:** Apache, Graham, Coconino, and Navajo counties have the most problems with illicit drug use among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students.

**Table 3X: Number of Times a County Had One of the Five Highest Percentages of Use for 30-day Day Alcohol, 30-day Day Cigarette, 30-day Day Any Drug, and 30-day Day Binge Drinking, by Grade.**

|            | 8 <sup>th</sup> | 10 <sup>th</sup> | 12 <sup>th</sup> | Sum all grades |
|------------|-----------------|------------------|------------------|----------------|
| Coconino   | 3               | 3                | 1                | 7              |
| Apache     | 2               | 2                | 2                | 6              |
| Gila       | 4               | 0                | 2                | 6              |
| Mohave     | 0               | 2                | 4                | 6              |
| Santa Cruz | 0               | 3                | 3                | 6              |
| Pinal      | 3               | 2                | 0                | 5              |
| Cochise    | 2               | 0                | 2                | 4              |
| Graham     | 2               | 1                | 1                | 4              |
| Greenlee   | 2               | 1                | 1                | 4              |
| Navajo     | 1               | 2                | 1                | 4              |
| Yavapai    | 0               | 3                | 1                | 4              |
| LaPaz      | 1               | 1                | 0                | 2              |
| Yuma       | 0               | 0                | 2                | 2              |
| Maricopa   | 0               | 0                | 0                | 0              |
| Pima       | 0               | 0                | 0                | 0              |

**Table 3Y: Number of Times a County Had One of the Five Highest Percentages of Use for 30-day Day Alcohol and 30-day Day Binge Drinking, by Grade.**

|            | 8 <sup>th</sup> | 10 <sup>th</sup> | 12 <sup>th</sup> | Sum all grades |
|------------|-----------------|------------------|------------------|----------------|
| Cochise    | 2               | 0                | 2                | 4              |
| Gila       | 2               | 0                | 2                | 4              |
| Mohave     | 0               | 2                | 2                | 4              |
| Santa Cruz | 0               | 2                | 2                | 4              |
| Pinal      | 1               | 2                | 0                | 3              |
| Coconino   | 1               | 1                | 0                | 2              |
| Greenlee   | 2               | 0                | 0                | 2              |
| LaPaz      | 1               | 1                | 0                | 2              |
| Yavapai    | 0               | 2                | 0                | 2              |
| Yuma       | 0               | 0                | 2                | 2              |
| Graham     | 1               | 0                | 0                | 1              |
| Apache     | 0               | 0                | 0                | 0              |
| Maricopa   | 0               | 0                | 0                | 0              |
| Navajo     | 0               | 0                | 0                | 0              |
| Pima       | 0               | 0                | 0                | 0              |

**Table 3Z: Number of Times a County Had One of the Five Highest Percentages of Use for 30-day Day Drug Use, by Grade.**

|            | 8 <sup>th</sup> | 10 <sup>th</sup> | 12 <sup>th</sup> | Sum all grades |
|------------|-----------------|------------------|------------------|----------------|
| Coconino   | 1               | 1                | 1                | 3              |
| Graham     | 1               | 1                | 1                | 3              |
| Apache     | 1               | 1                | 1                | 3              |
| Navajo     | 0               | 1                | 1                | 2              |
| Gila       | 1               | 0                | 0                | 1              |
| Mohave     | 0               | 0                | 1                | 1              |
| Pinal      | 1               | 0                | 0                | 1              |
| Yavapai    | 0               | 1                | 0                | 1              |
| Santa Cruz | 0               | 0                | 0                | 0              |
| Cochise    | 0               | 0                | 0                | 0              |
| Greenlee   | 0               | 0                | 0                | 0              |
| LaPaz      | 0               | 0                | 0                | 0              |
| Yuma       | 0               | 0                | 0                | 0              |
| Maricopa   | 0               | 0                | 0                | 0              |
| Pima       | 0               | 0                | 0                | 0              |

The *Arizona Youth Survey* can also provide some sub-county level data for select areas and indicators. Figures 3B through 3D show data for the percent of students reporting binge drinking in the last two weeks, the percent of youth reporting alcohol use in the last 30 days, and the percent of students reporting illicit drug use in the past 30 days by

community health analysis area. The community health analysis area is a geographic segment used by the Department of Health Services for public health surveillance. The community health analysis area is large enough to provide a population size meaningful for statistical analysis but small enough to capture geographic variations and maintain a sense of community or neighborhood. Appendix C contains individual profiles of all 126 community health analysis areas. The profiles are composed of 14 demographic elements, 10 risk factor elements, and 8 consumption indicators. Not all data contained in the community health analysis profiles were used for this report but they should provide a wealth of information for further program planning at the health analysis area level. Maps that visualize the data at the community health analysis area for each of the 10 risk factor elements and 8 consumption indicators of Arizona are also available by contacting the Governor's Division for Substance Abuse Policy.

The maps in Figures 3B through 3D report data on the percent of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students who used alcohol in the past 30 days; the percent of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students who reported binge drinking in the past two weeks; and the percent of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students who used any drug in the past 30 days. Data is categorized by standard deviation; the higher the standard deviation, the greater the problem in a community health analysis area relative to other areas.

For both the binge drinking and the last 30-day alcohol use indicators, the high problem counties of Cochise, Gila, and Mohave can be further segmented into community health analysis areas with higher than average rates. In Cochise county, the Douglas health analysis area has a high percent of binge drinking and past 30-day alcohol use. The Benson health analysis area shows a high percent of binge drinking. In Gila county, the Globe/Hayden health analysis area has a higher percentage of both binge drinking and past 30-day alcohol use than surrounding health analysis areas. In Mohave county, the Kingman and Lake Havasu City health analysis areas have higher than average percentages of past 30-day alcohol use.

Interestingly, Coconino county did not rank as problematic on the alcohol indicators but the health analysis area data finds that the Williams health analysis area within Coconino county has a high percentage of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students who report binge drinking in the past two weeks.

For past 30-day drug use, Coconino county can be further segmented into health analysis areas with higher than average drug use including Page/Fredonia, Flagstaff West, Flagstaff East, and Flagstaff Rural. Navajo county contains the Winslow and Holbrook health analysis areas, both with higher than average drug use. Cochise county does not appear in the list of most problematic counties for drug use but its Benson health analysis area is higher than average for youth drug use. The community health analysis areas that comprise the portion of the Navajo reservation within Arizona, the Hopi reservation, and the Havasupai reservation have higher than average past 30-day drug use.

Figure 3B

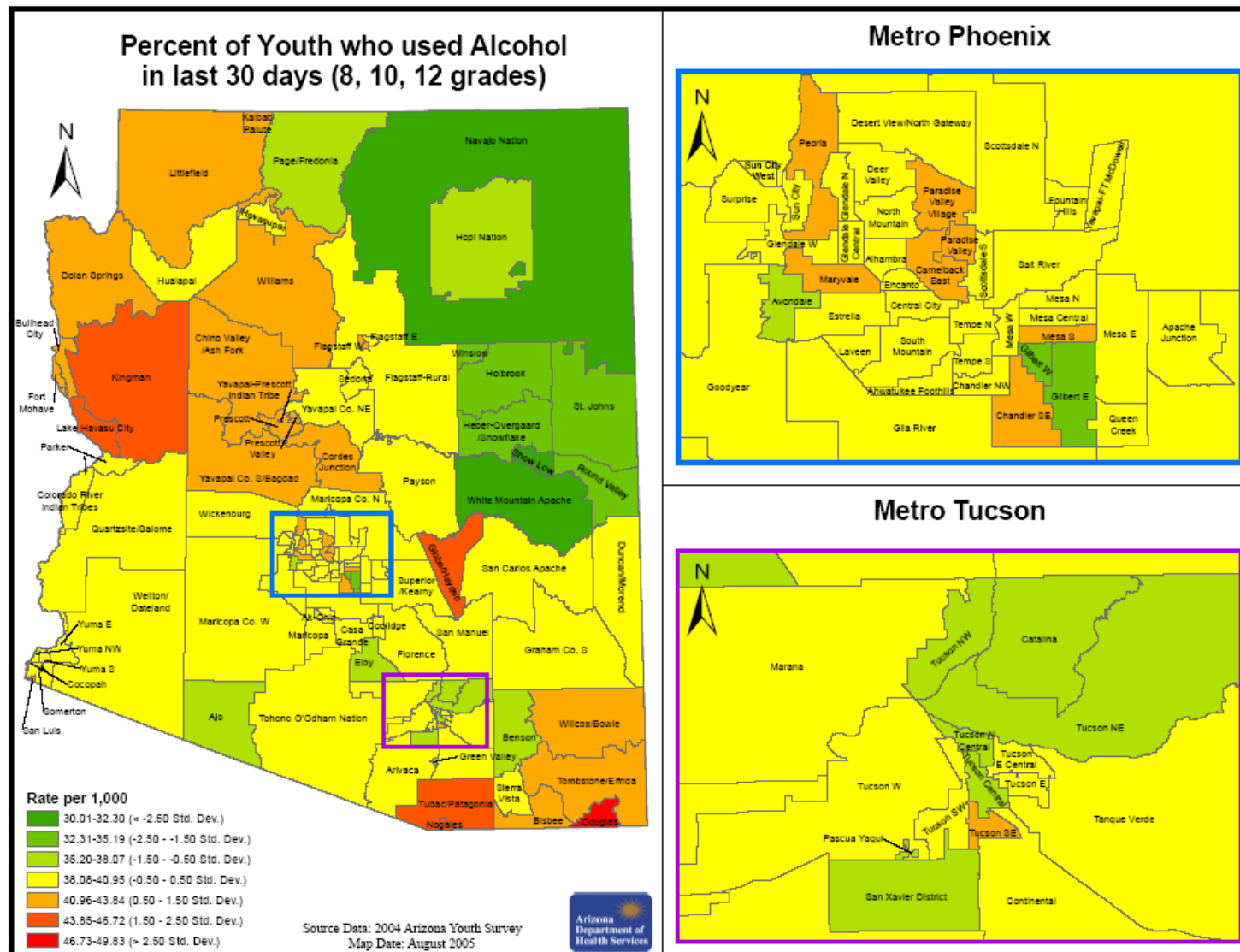




Figure 3C

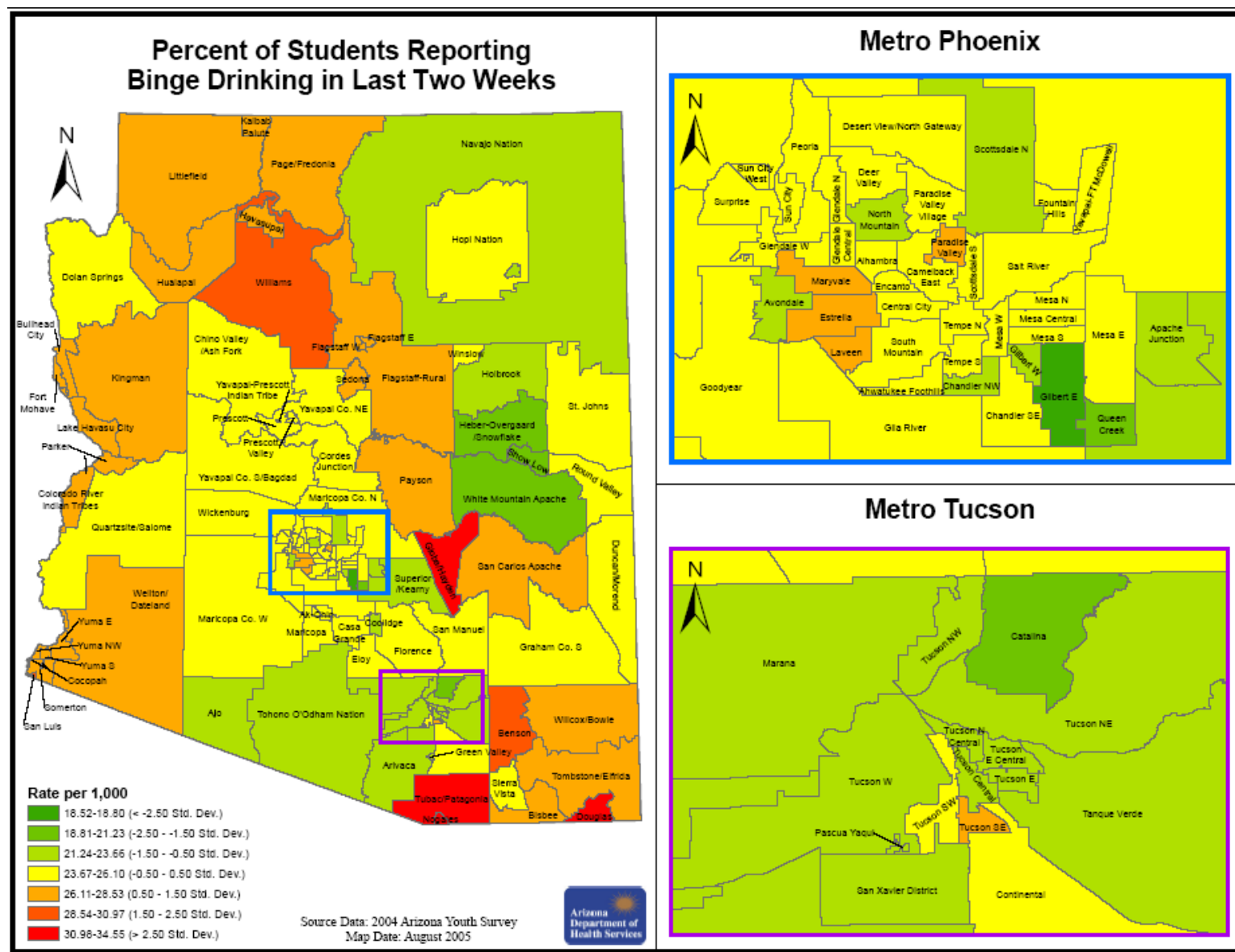
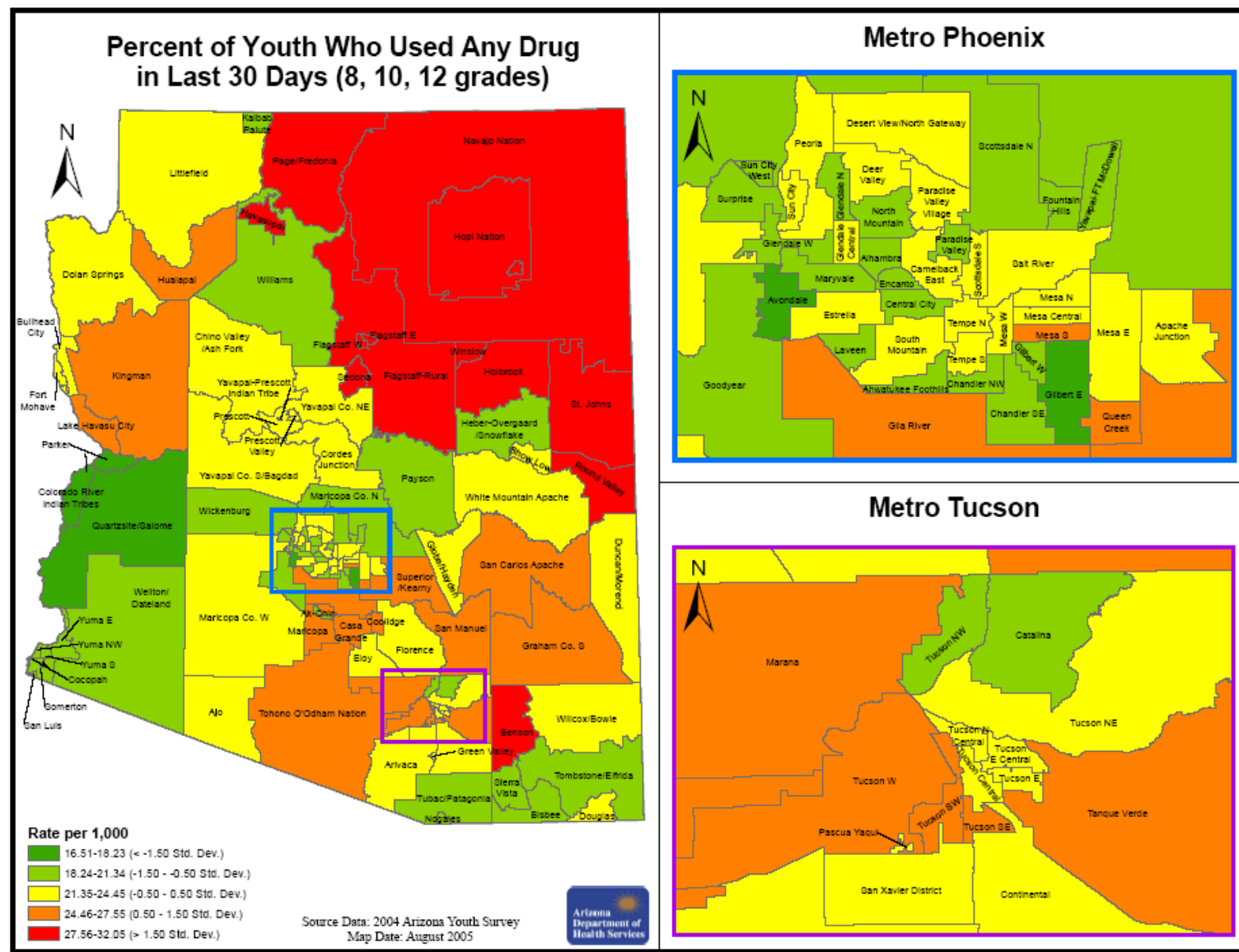


Figure 3D



**Finding: Within Cochise and Gila counties the Douglas and Globe/Hayden health analysis areas have higher than average percentages of youth that report binge drinking and past 30-day alcohol use. Within Cochise and Coconino counties, the Benson and Williams health analysis areas report higher than average youth binge drinking. Within Mohave county, the Kingman and Lake Havasu City health analysis areas have higher than average percentages of past 30-day youth alcohol use.**

**Finding: For past month drug use among 8<sup>th</sup> through 12<sup>th</sup> grade students, the health analysis areas of Page/Fredonia, Flagstaff West, Flagstaff East, Flagstaff Rural, Winslow, Holbrook, Benson, Navajo Nation, Hopi Nation and Havasupai have higher than average percentages of drug use.**

Given the amount of information contained in the *Arizona Youth Survey* and other sources, another analysis was conducted for community health analysis areas using composite measures. Composite measures provide a single score obtained by adding the z-scores of the constituent, single measures. A z-score is a statistic derived from the standard deviation. A z-score allows for comparisons to be made across a range of different measures. A high score on the composite measure was interpreted to reflect a larger problem.

An alcohol and drug score were obtained and used for informing state problem areas. The constituent measures for each score is provided below.

Alcohol score:

1. Percent of youth in the 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grades who used alcohol in last 30 days
2. Percent of youth in the 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grades who engaged in binge drinking in last 2 weeks
3. Average age of first use for alcohol among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup>, grade students

Drug score:

1. Percent of youth in the 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grades who used any drug in last 30 days
2. Percent of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students who perceive drug use as not risky
3. Average age of first use for marijuana among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students
4. Average age of first use for methamphetamine among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students
5. Percent of 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students with attitudes favorable to drug use
6. Rate of school suspensions related to drug use per 1,000 children, 14-18 years old

Table 3AA presents those community health analysis areas with scores of 4 and higher on the alcohol and drug composite measure.

**Table 3AA: Community Health Analysis Areas with High Scores on Composite Alcohol and Drug Measures.**

| Community health analysis area | Score |
|--------------------------------|-------|
| <b>Alcohol Score</b>           |       |
| Globe/Hayden                   | 6     |
| Douglas                        | 5     |
| Flagstaff West                 | 4     |
| Kingman                        | 4     |
| Lake Havasu City               | 4     |
| <b>Drug Score</b>              |       |
| Flagstaff West                 | 8     |
| Cordes Junction                | 6     |
| Flagstaff Rural                | 5     |
| Lake Havasu City               | 5     |
| Marana                         | 5     |
| Yavapai Co. S/Bagdad           | 5     |
| Tohono O’Odam Nation           | 4     |
| St. Johns                      | 4     |

It should be noted that in some cases health analysis areas in counties that are high on single consumption measures do not appear in the most problematic health analysis areas for the composite measures. Santa Cruz county is problematic for youth alcohol use but its constituent health analysis areas do not appear as problematic in the composite measures. Similarly Graham and Pinal counties are problematic on the single measure of past 30-day youth illicit drug use but their constituent health analysis areas do not appear in the list of problematic health analysis areas for the composite measure of drug use. This anomaly arises when the additional measures that comprise the composite score have low or negative values signifying lower levels of a particular problem indicator. When these lower or negative values are added to the high single measure values, the resulting score is lowered. Santa Cruz may be problematic in underage past month drinking and binge drinking but it has a high age of onset, a beneficial attribute with a negative standard deviation that lowers the total score.

**Finding: The most problematic health analysis areas based on the composite alcohol and drug scores are Globe/Hayden, Douglas, Flagstaff West, Kingman, Lake Havasu City, Cordes Junction, Flagstaff Rural, Marana, Yavapai County S/Bagdad, Tohono’Odam Nation, and St. Johns.**

Tables 3BB through 3GG display data on those consequence indicators for which sub-state data exists: alcohol-related car crash injuries and fatalities; hospital discharges and emergency department visits; drug related arrests; disciplinary actions related to alcohol, tobacco or drugs in kindergarten through 12<sup>th</sup> grades; and alcohol and drug juvenile offenses referred to the court.

**Table 3BB: Alcohol –Related Motor Vehicle Crashes and Rates per 10,000 People in Specified County, Arizona, 2003.**

|            | Total crashes |      | Persons killed |      | Persons injured |      |
|------------|---------------|------|----------------|------|-----------------|------|
|            | Crashes       | Rate | Persons        | Rate | Persons         | Rate |
| Apache     | 110           | 15.5 | 14             | 1.9  | 141             | 19.9 |
| Cochise    | 106           | 8.4  | 10             | 0.7  | 78              | 6.1  |
| Coconino   | 241           | 18.6 | 8              | 0.6  | 186             | 14.4 |
| Gila       | 69            | 12.8 | 2              | —    | 72              | 13.4 |
| Graham     | 26            | 7.5  | 1              | —    | 15              | 4.3  |
| Greenlee   | 2             | —    | 0              | —    | 2               | —    |
| La Paz     | 39            | 18.8 | 5              | —    | 38              | 18.3 |
| Maricopa   | 5,016         | 14.7 | 136            | .4   | 3,890           | 11.4 |
| Mohave     | 258           | 15.1 | 22             | 1.2  | 206             | 12.0 |
| Navajo     | 135           | 13.0 | 20             | 1.9  | 127             | 12.2 |
| Pima       | 1076          | 11.8 | 28             | .3   | 881             | 9.6  |
| Pinal      | 265           | 13.1 | 23             | 1.1  | 241             | 11.9 |
| Santa Cruz | 32            | 7.8  | 2              |      | 17              | 4.1  |
| Yavapai    | 258           | 13.8 | 19             | 1.0  | 222             | 11.8 |
| Yuma       | 198           | 11.3 | 9              | .5   | 135             | 7.7  |

Source: Arizona Department of Transportation, personal communication.

**Table 3CC: Hospital Discharges and Rates per 10,000 People in Specified County, Arizona, 2003.**

|            | Alcohol abuse |      | Drug dependence/abuse |      | Fetus/<br>noxious<br>influences |
|------------|---------------|------|-----------------------|------|---------------------------------|
|            | Discharges    | Rate | Discharges            | Rate | Discharges                      |
| Apache     | 181           | 25.6 | 61                    | 8.6  | 1                               |
| Cochise    | 328           | 25.9 | 193                   | 15.2 | 1                               |
| Coconino   | 376           | 29.1 | 263                   | 20.3 | 4                               |
| Gila       | 271           | 50.6 | 149                   | 27.8 | 3                               |
| Graham     | 85            | 24.6 | 55                    | 15.9 | 0                               |
| Greenlee   | 21            | 24.4 | 9                     | 10.4 | 1                               |
| La Paz     | 99            | 47.7 | 56                    | 27.0 | 0                               |
| Maricopa   | 10,419        | 30.6 | 10,869                | 31.9 | 362                             |
| Mohave     | 610           | 35.7 | 293                   | 17.1 | 1                               |
| Navajo     | 515           | 49.6 | 235                   | 22.6 | 7                               |
| Pima       | 4,025         | 44.1 | 5,033                 | 55.2 | 95                              |
| Pinal      | 998           | 49.5 | 793                   | 39.3 | 28                              |
| Santa Cruz | 95            | 23.2 | 67                    | 16.3 | 1                               |
| Yavapai    | 606           | 32.4 | 427                   | 22.8 | 4                               |
| Yuma       | 596           | 34.0 | 297                   | 16.9 | 5                               |
| Unknown    | 282           | —    | 302                   | —    | 4                               |

Source: *Hospital Discharge Database*, 2003 data. Arizona Department of Health Services. Available online: <http://www.azdhs.gov/plan/index.htm> . [cited September 13, 2005].

**Table 3DD: Emergency Department Visits with Mentions of Drug or Alcohol Disorders and Rates Per 10,000 people in Specified County for Select Disorders, Arizona, July to December 2003.**

|            | Alcohol psychoses | Drug psychoses | Drug dependence | Nondependent abuse of drugs |      | Alcohol dependence |      |
|------------|-------------------|----------------|-----------------|-----------------------------|------|--------------------|------|
|            |                   |                |                 | Visits                      | Rate | Visits             | Rate |
| Apache     | 28                | 11             | 13              | 205                         | 29   | 99                 | 14   |
| Cochise    | 16                | 23             | 40              | 851                         | 67.4 | 116                | 9.1  |
| Coconino   | 59                | 29             | 37              | 490                         | 38   | 882                | 68.4 |
| Gila       | 11                | 36             | 23              | 189                         | 35.2 | 35                 | 6.5  |
| Graham     | 3                 | 11             | 20              | 139                         | 40.3 | 10                 | 2.8  |
| Greenlee   | 0                 | 0              | 1               | 12                          | 13.9 | 2                  | —    |
| La Paz     | 0                 | 2              | 3               | 59                          | 28.4 | 1                  | —    |
| Maricopa   | 310               | 446            | 568             | 15,691                      | 46.1 | 1,001              | 2.9  |
| Mohave     | 31                | 43             | 113             | 496                         | 29.0 | 126                | 7.3  |
| Navajo     | 25                | 26             | 19              | 583                         | 56.1 | 224                | 21.5 |
| Pima       | 152               | 333            | 553             | 8,792                       | 96.5 | 864                | 9.4  |
| Pinal      | 10                | 36             | 46              | 693                         | 34.3 | 68                 | 3.3  |
| Santa Cruz | 5                 | 10             | 18              | 121                         | 29.5 | 12                 | 2.9  |
| Yavapai    | 45                | 42             | 60              | 667                         | 35.6 | 148                | 7.9  |
| Yuma       | 21                | 17             | 31              | 817                         | 46.6 | 76                 | 4.3  |
| Unknown    | 14                | 15             | 26              | 493                         |      | 86                 |      |

Source: *Hospital Discharge Database*, 2003 data. Arizona Department of Health Services. Available online: <http://www.azdhs.gov/plan/index.htm> . [cited September 13, 2005].

**Table 3EE: Arrests and Rates Per 10,000 people in Specified County, Arizona, 2003.**

|                       | DUI     |      | Drug possession |       | Drug sale/manufacturing |      |
|-----------------------|---------|------|-----------------|-------|-------------------------|------|
|                       | Arrests | Rate | Arrests         | Rate  | Arrests                 | Rate |
| Apache                | 66      | 9    | 115             | 16.2  | 61                      | 8.6  |
| Cochise               | 785     | 62   | 689             | 54.6  | 143                     | 11.3 |
| Coconino              | 1,152   | 89.3 | 863             | 66.9  | 111                     | 8.6  |
| Gila <sup>1</sup>     | 249     | 46.4 | 131             | 24.4  | 17                      | 3.1  |
| Graham                | 97      | 28   | 140             | 40.5  | 2                       | —    |
| Greenlee <sup>2</sup> | 73      | 84.9 | 51              | 59.3  | 12                      | 13.9 |
| La Paz                | 224     | 108  | 169             | 81.5  | 25                      | 12.0 |
| Maricopa <sup>3</sup> | 27,537  | 81.0 | 12,423          | 36.5  | 3,409                   | 10.  |
| Mohave                | 634     | 37.1 | 1,034           | 60.5  | 150                     | 8.7  |
| Navajo                | 544     | 52.4 | 321             | 30.9  | 48                      | 4.6  |
| Pima <sup>4</sup>     | 5,126   | 56.2 | 9,202           | 101.0 | 1,041                   | 11.4 |
| Pinal <sup>5</sup>    | 1,075   | 53.3 | 726             | 36.0  | 136                     | 6.7  |
| Santa Cruz            | 266     | 65.0 | 126             | 30.8  | 0                       | —    |
| Yavapai <sup>6</sup>  | 1,375   | 73.5 | 864             | 46.2  | 302                     | 16.1 |
| Yuma                  | 333     | 19.0 | 1,012           | 57.8  | 63                      | 3.5  |

Source: *Crime in Arizona 2003, 2004*. Arizona Department of Public Safety. Available on-line: <http://www.azdps.gov/crimereport/default.asp>. [cited September 13, 2005].

<sup>1</sup> Hayden and Miami police departments did not provide complete data

<sup>2</sup> Clifton police department did not provide complete data

<sup>3</sup> Avondale and Surprise police departments did not provide complete data

<sup>4</sup> Sahuarita police department did not provide complete data

<sup>5</sup> Eloy, Florence, and Superior police departments did not provide complete data

<sup>6</sup> Chino Valley police department did not provide complete data

| Table 3FF: Alcohol and Drug Juvenile Offenses, July 1, 2003 to June 30, 2004. |                 |          |          |                              |       |              |          |          |                              |       |                          |                         |                       |
|---|-----------------|----------|----------|------------------------------|-------|--------------|----------|----------|------------------------------|-------|--------------------------|-------------------------|-----------------------|
|   | Alcohol Related |          |          |                              |       | Drug Related |          |          |                              |       | Totals                   |                         |                       |
|   | Juveniles       | Offenses | Diverted | Outcome<br>Court<br>involved | Open  | Juveniles    | Offenses | Diverted | Outcome<br>Court<br>Involved | Open  | Undup. # of<br>Juveniles | Alcohol &<br>Drug Offs. | Offs. per<br>Juvenile |
| Apache  | 56              | 79       | 31       | 45                           | 3     | 39           | 54       | 0        | 39                           | 15    | 87                       | 133                     | 1.53                  |
| Cochise   | 189             | 260      | 167      | 73                           | 20    | 460          | 500      | 191      | 269                          | 52    | 652                      | 1,043                   | 1.60                  |
| Coconino  | 500             | 689      | 337      | 285                          | 67    | 302          | 354      | 74       | 228                          | 52    | 652                      | 1,043                   | 1.60                  |
| Gila  | 131             | 147      | 72       | 34                           | 41    | 150          | 231      | 24       | 126                          | 81    | 240                      | 378                     | 1.58                  |
| Graham  | 86              | 109      | 27       | 78                           | 4     | 107          | 115      | 24       | 83                           | 8     | 135                      | 224                     | 1.66                  |
| Greenlee  | 24              | 28       | 5        | 14                           | 9     | 19           | 19       | 0        | 19                           | 0     | 32                       | 47                      | 1.47                  |
| La Paz  | 26              | 28       | 12       | 12                           | 4     | 34           | 38       | 2        | 32                           | 4     | 48                       | 66                      | 1.38                  |
| Maricopa  | 3,209           | 4,393    | 802      | 2,468                        | 1,123 | 3,463        | 4,934    | 886      | 2,577                        | 1,471 | 5,764                    | 9,327                   | 1.62                  |
| Mohave  | 196             | 220      | 18       | 190                          | 12    | 401          | 465      | 84       | 317                          | 64    | 461                      | 685                     | 1.49                  |
| Navajo  | 302             | 405      | 58       | 196                          | 151   | 279          | 406      | 75       | 204                          | 127   | 468                      | 811                     | 1.73                  |
| Pima  | 1,110           | 1,366    | 761      | 404                          | 201   | 2,664        | 3,245    | 1,168    | 1,496                        | 581   | 2,740                    | 4,611                   | 1.68                  |
| Pinal   | 166             | 211      | 55       | 100                          | 56    | 417          | 569      | 144      | 273                          | 152   | 470                      | 780                     | 1.66                  |
| Santa Cruz  | 89              | 108      | 30       | 65                           | 13    | 184          | 193      | 35       | 149                          | 9     | 167                      | 301                     | 1.80                  |
| Yavapai   | 339             | 405      | 200      | 164                          | 41    | 458          | 535      | 209      | 249                          | 77    | 583                      | 940                     | 1.61                  |
| Yuma  | 225             | 261      | 132      | 110                          | 19    | 492          | 524      | 116      | 376                          | 32    | 478                      | 785                     | 1.64                  |
| Totals  | 6,648           | 8,709    | 2,707    | 4,238                        | 1,764 | 9,469        | 12,182   | 3,032    | 6,437                        | 2,713 | 12,750                   | 20,891                  |                       |

Source: Juvenile Justice Services Division, Administrative Office of the Courts, personal communication.

**Table 3GG: Numbers and Rates of Disciplinary Actions (Expulsions, Suspensions, and Transfers) per 1,000 Students Enrolled in Specified County, Arizona, 2004, Department of Education**

|            | Possession and use of alcohol |      | Possession, use, and distribution of illegal drugs |      | Possession and use of tobacco |      | Total  |       |
|------------|-------------------------------|------|--|------|-------------------------------|------|--------|-------|
|            | Number                        | Rate | Number   | Rate | Number                        | Rate | Number | Rate  |
| Apache     | 23                            | 1.51 | 117  | 7.68 | 58                            | 3.8  | 198    | 13.0  |
| Cochise    | 8                             | .34  | 66   | 2.84 | 1                             | --   | 75     | 3.22  |
| Coconino   | 46                            | 2.09 | 72   | 3.27 | 5                             | .23  | 123    | 5.59  |
| Gila       | 2                             | --   | 15   | 1.79 | 0                             | --   | 17     | 2.03  |
| Graham     | 0                             | --   | 21   | 2.51 | 0                             | --   | 21     | 2.51  |
| Greenlee   | 0                             | --   | 1  | --   | 0                             | --   | 1      | --    |
| Maricopa   | 284                           | .47  | 1464   | 2.45 | 52                            | .09  | 1800   | 3.01  |
| Mohave     | 13                            | .54  | 98   | 4.05 | 10                            | .41  | 121    | 5.0   |
| Navajo     | 91                            | 3.85 | 164  | 6.93 | 8                             | .34  | 263    | 11.11 |
| Pima       | 154                           | 1.09 | 735  | 5.22 | 44                            | .31  | 399    | 2.83  |
| Pinal      | 14                            | .47  | 115  | 3.83 | 7                             | .23  | 136    | 4.53  |
| Santa Cruz | 2                             | --   | 17   | 1.71 | 3                             | --   | 22     | 2.21  |
| Yavapai    | 20                            | .66  | 78   | 2.58 | 28                            | .93  | 126    | 4.17  |
| Yuma       | 23                            | .67  | 72   | 2.10 | 2                             | --   | 97     | 2.83  |
| La Paz     | 0                             | --   | 2  | --   | 0                             | --   | 2      | --    |

Source: Arizona Department of Education, personal communication.

-- Numbers too low to compute rates

Table 3FF presents data on the number of drug and alcohol related juvenile offenses referred to Arizona's court system and the disposition of these referrals. A juvenile can be diverted from formal court involvement (diversion) or placed under official court oversight and ordered to a variety of consequences or programs (court involvement). Open cases are those that are still awaiting court action.

As with the youth consumption data, there is no one particular county that is consistently implicated as being the most problematic. However there does emerge a pattern of counties that present more frequently with high rates of problem behaviors. Table 3HH lists those counties that have the five worst rates for the indicators presented in Tables 3BB through 3GG.

**Finding: La Paz and Pima counties had one of the five worst rates for six of the nine problem indicators. Coconino county had one of the five worst rates for five of the nine problem indicators. Maricopa and Navajo counties had one of the five worst rates for four of the nine problem indicators.**



***Table 3HH: Counties with the Five Highest Rates for Select Problem Indicators.***

| Crashes  | Alcohol abuse discharges | Drug dependence discharges | Nondependent abuse of drugs ED | Alcohol dependence ED | DUI arrests | Drug possession | Drug sale/manufacturing arrest | Disciplinary actions |
|----------|--------------------------|----------------------------|--------------------------------|-----------------------|-------------|-----------------|--------------------------------|----------------------|
| La Paz   | Gila                     | Pima                       | Pima                           | Coconino              | La Paz      | Pima            | Yavapai                        | Apache               |
| Coconino | Navajo                   | Pinal                      | Cochise                        | Navajo                | Coconino    | La Paz          | Greenlee                       | Navajo               |
| Apache   | Pinal                    | Maricopa                   | Navajo                         | Apache                | Greenlee    | Coconino        | La Paz                         | Coconino             |
| Mohave   | La Paz                   | Gila                       | Yuma                           | Pima                  | Maricopa    | Mohave          | Pima                           | Mohave               |
| Maricopa | Pima                     | La Paz                     | Maricopa                       | Cochise               | Yavapai     | Greenlee        | Cochise                        | Pinal                |

### **3.6 Arizona, United States, and Healthy People 2010 Comparisons**

One way to gauge the severity or magnitude of Arizona's substance abuse problems is to compare Arizona's data with the data of other jurisdictions. The table in Appendix D compares percentages or rates between Arizona and the U.S. on problem indicators for which national data exist in a readily available form. Also included in the table are targets for a variety of substance abuse indicators from the Healthy People 2010 initiative, a program of the Department of Health and Human Services. According to its website, "*Healthy People 2010* is a comprehensive set of disease prevention and health promotion objectives for the Nation to achieve over the first decade of the new century. Created by scientists both inside and outside of Government, it identifies a wide range of public health priorities and specific, measurable objectives." The address for the Healthy People 2010 website is <http://www.healthypeople.gov/>.

The Healthy People 2010 targets are included as statements of acceptable levels of substance abuse related consumption patterns and consequences. Targets were set through consultation with the work groups that developed Healthy People 2010. Work groups used a variety of methods to set targets including retention of year 2000 targets, statistical procedures using current rates to project targets, and expert judgment.

The epidemiology work group did not use the comparisons in their deliberations but they are provided here as another way to understand substance use consequence and consumption data.

#### 4. Risk and Protection

Another way to assess substance abuse prevention need is to measure the prevalence of characteristics that have been shown to predict substance use. A high prevalence of these risk factors suggests a greater potential for developing substance abuse problems and hence a greater need for prevention interventions.

Two studies measure Arizona's counties predilection for substance abuse problems: the *Arizona Youth Survey* and the *Arizona Social Indicator Study* conducted by the Mel and Enid Zuckerman Arizona College of Public Health at the University of Arizona.

In addition to measuring substance abuse consumption patterns among Arizona's high school aged youth, the *Arizona Youth Survey* also measures a variety of risk and protective factors at an individual, family, school, and community level. Data on these factors are obtained by questioning youth in a written survey. These risk and protective factors are listed in Appendix E. The *Arizona Social Indicator Study* collects and analyzes community level data from archival sources. The community level indicators are listed in Appendix F. *Arizona Social Indicator Study* data used in this analysis are data for the year 2001.

Upon initial analysis it was discovered that the level of risk for any one county varies across the range of indicators in both the *Arizona Youth Survey* and the *Social Indicator Study*. Given this complexity, relative risk for the *Social Indicators Study* was gauged by assessing what percent of a county's indicators exceeded the mean of all the state's counties for that particular indicator. The results of this analysis are presented in Table 4A. Counties are ranked by the percentage of indicators that are worse than the mean of the counties.

Studies similar to the *Arizona Youth Survey* are conducted in other states. Combining the results of these studies provides a multi-state norm to which other states can be compared. Table 4B shows how many of a county's risk indicators measured by the *Arizona Youth Survey* exceed the multi-state norm in each of the four risk domains and across all domains. Counties are ranked by the number of risk indicators that are worse than the multi-state norm.

**Table 4A: Number and Percentage of a County's Risk Indicators Exceeding the Mean of Arizona's Counties, 2000 and 2001 Data.**

| County     | Number of indicators | Number of times the county rate exceeds the mean of the counties | Percentage of times the county rate exceeds the mean of the counties |
|------------|----------------------|--|--|
| Gila       | 30                   | 27   | 90   |
| Coconino   | 30                   | 16   | 53   |
| Mohave     | 30                   | 16   | 53   |
| Yavapai    | 30                   | 15   | 50   |
| Cochise    | 30                   | 14   | 47   |
| Santa Cruz | 30                   | 14   | 47   |
| Navajo     | 30                   | 13   | 43   |
| Pima       | 30                   | 13   | 43   |
| Pinal      | 30                   | 13   | 43   |
| La Paz     | 30                   | 12   | 40   |
| Graham     | 30                   | 11   | 37   |
| Apache     | 30                   | 10   | 33   |
| Greenlee   | 29                   | 8  | 28   |
| Yuma       | 30                   | 7  | 23   |
| Maricopa   | 25                   | 5  | 20   |

Source: *Arizona Social Indicator Study: Risk Monitoring Report for 2000 & 2001, 2004*. Mel and Enid Zuckerman Arizona College of Public Health, University of Arizona.

**Table 4B: Number of Risk Indicators Worse than the Multi-State Norm, Arizona, 2004.**

|            | Total Community | Total Family | Total School | Total Peer/ Individual | Total Above State Norm |
|------------|-----------------|--------------|--------------|------------------------|------------------------|
| Yavapai    | 15              | 12           | 4            | 25                     | 56                     |
| Mohave     | 13              | 12           | 6            | 21                     | 52                     |
| Pinal      | 14              | 8            | 3            | 23                     | 48                     |
| Gila       | 15              | 8            | 4            | 19                     | 46                     |
| Greenlee   | 10              | 9            | 5            | 22                     | 46                     |
| Cochise    | 14              | 8            | 4            | 17                     | 43                     |
| Graham     | 15              | 9            | 4            | 15                     | 43                     |
| Coconino   | 11              | 6            | 3            | 21                     | 41                     |
| Pima       | 12              | 7            | 4            | 17                     | 40                     |
| Apache     | 8               | 6            | 3            | 22                     | 39                     |
| Navajo     | 11              | 5            | 3            | 20                     | 39                     |
| La Paz     | 12              | 9            | 3            | 14                     | 38                     |
| Santa Cruz | 10              | 8            | 3            | 17                     | 38                     |
| Yuma       | 9               | 8            | 4            | 17                     | 38                     |
| Maricopa   | 7               | 4            | 4            | 16                     | 31                     |

Source: *Arizona Youth Survey: State Report, 2004*. Arizona Criminal Justice Commission. Available online: <http://www.acjc.state.az.us/publications/publications.asp?ServId=1000>. [cited September 13, 2005].

Three counties, Yavapai, Mohave, and Gila, have the most indicators that exceed the mean of the counties in the *Social Indicator Study* or the multi-state norm in the *Arizona Youth Survey*. Maricopa and Yuma counties have the fewest indicators that exceed the state or multi-state norm. Other counties' rankings vary in between these two extremes.

**Finding: Yavapai, Mohave, and Gila counties are at the highest risk for substance abuse problems as indicated in both the *Arizona Youth Survey* and the *Arizona Social Indicator Study*. Maricopa and Yuma counties have the lowest level of risk in both surveys.**

## 5. Assessment of Community Assets and Resources and Identification of Gaps in Services and Capacity

To get a better sense of the gaps that might exist between the problems identified and the prevention resources that the state allocates to those problems, an analysis was conducted of current state funding as reported in the *Arizona Drug and Gang Prevention and Treatment Program Inventory* and the funding's relationship to geographic and age defined problems. Such an analysis can provide another perspective on where resources should be allocated to address the state's most pressing substance abuse related problems.

*The Arizona Drug and Gang Prevention and Treatment Program Inventory* is an annual assessment of publicly funded substance abuse prevention and treatment services in Arizona. The inventory captures state and federal funds that are administered by state agencies. Federal funds that are contracted or granted directly to agencies and funds from private institutions such as private foundations or United Ways are not included in the *Program Inventory*. Among other things, the *Program Inventory* reports on the amount of funding going to prevention services, the number and age of people being served, and the geographic location of services. Table 5A presents these data and ranks counties by per capita spending on prevention services. Per capita prevention spending will be used as the measure of resources going to communities to address substance abuse prevention needs.

It should be noted that funds reported by agencies are not always assigned to the geographical location where services are provided but rather to the geographic location of the administrative office. This may affect the accuracy of county figures if the administrative office is located outside of the county in which services are actually provided.

**Table 5A: Total Prevention Spending and Per Capita Prevention Spending by County, Arizona, Arizona Drug and Gang Prevention and Treatment Program Inventory, 2003.<sup>1</sup>**

| COUNTY           | SUM FUNDS    | 2003 Population Estimate | Per Capita Funds |
|------------------|--------------|--------------------------|------------------|
| La Paz           | \$247,310    | 20,715                   | \$11.94          |
| Cochise          | \$1,027,997  | 126,160                  | \$8.15           |
| Pinal            | \$1,292,995  | 201,565                  | \$6.41           |
| Santa Cruz       | \$257,035    | 40,890                   | \$6.29           |
| Pima             | \$5,204,319  | 910,950                  | \$5.71           |
| Yuma             | \$960,144    | 175,045                  | \$5.49           |
| Yavapai          | \$918,189    | 186,885                  | \$4.91           |
| Maricopa         | \$16,557,457 | 3,396,875                | \$4.87           |
| Navajo           | \$338,788    | 103,790                  | \$3.26           |
| Graham           | \$99,795     | 34,490                   | \$2.89           |
| Gila             | \$154,660    | 53,555                   | \$2.88           |
| Coconino         | \$317,575    | 128,925                  | \$2.46           |
| Mohave           | \$385,400    | 170,805                  | \$2.26           |
| Apache           | \$151,595    | 70,625                   | \$2.15           |
| Greenlee         | \$15,874     | 8,595                    | \$1.85           |
| Total Prevention | \$27,929,133 | 5,629,870                | \$4.96           |

Source: 2003 Arizona Drug and Gang Prevention and Treatment Program Inventory, 2004, personal communication. Arizona Drug and Gang Prevention Resource Center, Arizona State University. The analysis does not include Tobacco Education and Prevention Program funds totaling \$22,345,294. These funds were not disaggregated by county.

There are several congruencies and discrepancies when counties with high rates of particular problems are compared to county per capita spending on substance abuse prevention. La Paz, Cochise, and Santa Cruz counties have some of the highest per capita prevention spending. La Paz county also has high rates of alcohol related crashes; crash injuries; hospital discharges for alcohol abuse and drug dependence; and arrests for drug possession, driving under the influence, and drug sales and manufacturing. Cochise county has high rates of underage drinking and underage binge drinking, emergency department visits for nondependent abuse of drugs and alcohol dependence, and arrests for drug sales and manufacturing. Santa Cruz county has high rates of underage drinking and underage binge drinking.

On the other hand, Navajo, Mohave, Gila, Apache, Coconino, and Greenlee counties have lower per capita spending on prevention but high rates of consequences in one or more of the consequence indicators presented in Table 3HH.

**Finding: A gap exists between problems and prevention spending for Navajo, Mohave, Gila, Apache, Coconino, and Greenlee counties.**

Another comparison can be made using data on the age groups affected by substance abuse and *Program Inventory* data. As seen in Figure 3A, 18 to 25 years olds experience the highest rates in several indicator areas suggesting that primary prevention efforts should be targeted to age groups younger than 18. Table 5B shows the distribution of prevention funding in Arizona by age group. The majority of prevention funding, 55 percent, is serving youth under the age of 18.

**Finding: Funding for substance abuse prevention is evenly distributed between youth and adult audiences.**

Several problems with using per capita prevention spending to assess prevention resources should be noted. Per capita spending does not indicate the effectiveness of the services that are being delivered. It is possible that smaller amounts of funds could be spent on more effective interventions thereby creating a larger prevention effect than larger amounts of money that are spent on less effective services. It is also not known from available data if the prevention funds are addressing those consequence or consumption indicators identified in this profile. So, while large amounts of prevention funding may be going to a particular geographic area, those funds may not be affecting problem areas of concern to the State Incentive Grant. Finally, prevention funding may change dramatically from year to year as grants and contracts expire or new ones are awarded. This makes it difficult to reliably measure gaps between funding and services.



**Table 5B: Prevention Participant Age Groups by County, Arizona, 2003.**

| COUNTY                                 | 0-4<br>(Pre-K) | 5-11<br>(K-5) | 12-14 (6-<br>8<br>grades) | 15-17<br>(High<br>School) | 18-20<br>Years                         | 21-24<br>Years | 25-44<br>Years | 45-64<br>Years | 65+<br>Years | Unknown<br>Adults | Unknown<br>Youths | Grand<br>Total |
|--|----------------|---------------|---------------------------|---------------------------|--|----------------|----------------|----------------|--------------|-------------------|-------------------|----------------|
| Cochise                                | 110            | 2,512         | 2,991                     | 5,870                     | 301                                    | 810            | 606            | 284            | 176          | 1,434             | 1931              | 17,025         |
| Coconino                               |                |               | 15                        | 61                        |  | 8              | 57             |                |              | 80                | 0                 | 221            |
| Gila                                   |                | 223           | 1025                      | 2044                      | 10                                     |                |                | 230            | 26           |                   | 50                | 3,608          |
| Graham                                 |                |               |                           |                           |  |                |                |                |              | 122               |                   | 122            |
| La Paz                                 | 14             | 184           | 260                       | 126                       | 4                                      | 1              | 20             | 3              |              |                   |                   | 612            |
| Maricopa                               | 2,405          | 26,896        | 13,949                    | 3,521                     | 532                                    | 1,387          | 7,349          | 2,506          | 3,416        | 35,238            | 6,095             | 103,294        |
| Mohave                                 |                |               |                           |                           | 3                                      | 15             | 32             | 13             |              |                   | 758               | 821            |
| Navajo                                 | 30             | 242           | 86                        | 358                       | 29                                     |                |                |                |              | 85                | 85                | 915            |
| Pima                                   | 568            | 1,523         | 2,898                     | 1,932                     | 1,757                                  | 1,591          | 3,858          | 2,307          | 1,608        | 3,522             | 465               | 22,029         |
| Pinal                                  | 321            | 3,230         | 2,628                     | 2,506                     | 147                                    | 205            | 2,014          | 773            | 1,539        | 0                 | 0                 | 13,363         |
| Santa Cruz                             | 8              | 25            | 22                        | 2                         |  |                | 23             | 5              |              |                   |                   | 85             |
| Yavapai                                | 0              | 105           | 2                         | 41                        | 197                                    | 289            | 845            | 71             | 0            | 0                 | 0                 | 1,550          |
| Yuma                                   | 80             | 666           | 1,598                     | 1,287                     | 90                                     | 29             | 641            | 336            | 312          | 597               | 3,257             | 8,893          |
| Grand Total                            | 3,536          | 35,606        | 25,474                    | 17,748                    | 3,070                                  | 4,335          | 15,445         | 6,528          | 7,077        | 41,078            | 12,641            | 172,538        |
| 95,005, including unknown youths (55%) |                |               |                           |                           | 77,533, including unknown adults (45%) |                |                |                |              |                   |                   |                |

Source: 2003 Arizona Drug and Gang Prevention and Treatment Program Inventory, 2004, personal communication. Arizona Drug and Gang Prevention Resource Center, Arizona State University.

## 6. Identification of Problem Areas

To assist the work group with the difficult task of selecting problem areas from among the myriad problem indicators, a worksheet was developed that listed each problem indicator and asked work group members to rate each indicator according to five criteria: magnitude, severity, amenability to change, capacity to address the problem, and sensitivity of the indicator to record changes brought about by State Incentive Grant interventions. The criteria were presented as a series of statements. Work group members were asked to rate each indicator on a scale of 1 to 3 with three indicating the highest level of agreement with the statement. If they felt they did not have enough information on the indicator for a specific criterion, work group members could mark the indicator with a question mark. Three different versions of the worksheets that listed the indicators in different orders were sent to work group members. The worksheet is included in Appendix G.

The worksheet was to be used to start discussions about what problems should be addressed with State Incentive Grant funds; it was not to be used to make final decisions about priorities. It should also be noted that with the exception of the magnitude criterion, there were no data presented that could inform the other criteria. For this reason, all ratings, with the exception of ratings in relationship to magnitude, are based on professional knowledge and experience.

### 6.1 Problematic drinking

The worksheet exercise suggested that several indicators were important to the group:

1. Arrests for driving under the influence
2. Past month underage drinking
3. Past month underage binge drinking
4. Past month binge drinking for those 12 and older
5. Past year clinical dependence or abuse of illicit drugs and alcohol
6. Alcohol related crash injuries

Based on the worksheet results and subsequent discussions, the work group developed a problem area called “problematic drinking.” This problem area included both underage individuals and adults and was defined according to the following indicators:

1. Past month drinking, 8<sup>th</sup> through 12<sup>th</sup> grades
2. Past two-week binge drinking, 8<sup>th</sup> through 12<sup>th</sup> grades
3. Past month binge drinking, 18 years old and older
4. Alcohol related crash injuries

Originally, arrests for driving under the influence of alcohol was another indicator that was part of the cluster; however, due to its susceptibility to enforcement and reporting practices, it was dropped.

### 6.2 Youth illicit drug use

In subsequent discussion in the epidemiology work group, another problem area was proposed, drug use by youth and adults. The proposal was made to address what was

considered an important problem in Arizona and to provide another option for intervention and change efforts. As seen in Table 3N, the estimated rates of 12 to 17 year olds who have used illicit drugs in the past 30 days is higher than the estimated rates of 12 to 17 year olds who report binge drinking in the past 30 days. If binge drinking was included as a problem indicator for State Incentive Grant funds, then, given the almost equal magnitude of the problem and the fact that illicit drug use like binge drinking can lead to impairment, it could be argued that illicit drug use among youth could also be a problem area. The same cannot be said for adult drug use. According to the Arizona estimates presented by the *National Survey on Drug Use and Health*, the percentage of 18-25 year olds using illicit drugs in the past month is 18.88% compared to 41.43% that report binge drinking in the past month. For adults 26 and older, 6.53% report using illicit drugs in the past month compared to 23.04% that report binge drinking in the past month. For adults, the occurrence of binge drinking is much more problematic than illicit drug use.

These data and rationales were presented to the epidemiology work group who subsequently approved a second problem area of youth drug use defined by the single indicator, past 30-day day any drug use (does not include alcohol or tobacco) among 8<sup>th</sup> through 12<sup>th</sup> grade students.

### 6.3 Geographic problem areas

Between the problematic drinking and youth drug use indicators, the risk and protective factor studies, and the resource assessment, many geographic areas have been suggested as geographic areas for targeting State Incentive Grant resources. Table 6A lists these indicators of potential problems and the counties with high rates of the problem, high risk as measured by risk factors, or low resources. County data does not exist for the indicator, past month adult binge drinking.

| <b>Table 6A: Counties that Rank High in Problem Rates and Risk and Low in Resources*</b> |                   |                         |                         |                |                             |                                |                                    |
|--|-------------------|-------------------------|-------------------------|----------------|-----------------------------|--------------------------------|------------------------------------|
|  | Underage drinking | Underage binge drinking | Alcohol related crashes | Youth drug use | Social Indicators high risk | Arizona Youth Survey high risk | Low per capita prevention spending |
| Santa Cruz   | X                 | X                       |                         |                |                             |                                | X                                  |
| Mohave   | X                 | X                       |                         |                | X                           | X                              | X                                  |
| Gila   | X                 | X                       |                         |                | X                           | X                              | X                                  |
| Cochise  | X                 | X                       |                         |                |                             |                                |                                    |
| La Paz   |                   |                         | X                       |                |                             |                                |                                    |
| Coconino   |                   |                         | X                       | X              | X                           |                                | X                                  |
| Apache   |                   |                         | X                       | X              |                             |                                | X                                  |
| Yavapai  |                   |                         |                         |                | X                           | X                              |                                    |
| Greenlee   |                   |                         |                         |                |                             |                                | X                                  |
| Graham   |                   |                         |                         | X              |                             |                                |                                    |
| Navajo   |                   |                         |                         | X              |                             |                                |                                    |

\* If a county is not listed, it did not rank high or low enough in the indicator area to be included.

**Finding: Mohave and Gila counties appear as priorities in five of the seven indicators. Coconino county appears as a problem area in four of the seven indicators.**

Community health analysis areas can refine geographic targets for underage drinking, underage binge drinking, and youth drug use. The community health analysis areas with high alcohol composite scores and higher than average percentages of past 30-day day alcohol use and past two-week binge drinking are presented in Table 6B.

**Table 6B: Community Health Analysis Areas with High Alcohol Composite Scores or Higher than Average Percentages of Past 30-day Day Alcohol Use and Past Two-week Binge Drinking**

| Composite Alcohol Score | Single measure past 30-day day alcohol use | Single measure past two-week binge drinking |
|-------------------------|--|---|
| Douglas                 | Douglas                                    | Douglas                                     |
| Globe/Hayden            | Globe/Hayden                               | Globe/Hayden                                |
| Kingman                 | Kingman                                    |   |
| Lake Havasu City        | Lake Havasu City                           |   |
| Flagstaff West          |  |   |
|                         |  | Benson CHAA,<br>Williams CHAA               |

The community health analysis areas with high drug composite scores and higher than average percentages of past 30-day day illicit drug use are presented in Table 6C.

**Table 6C: Community Health Analysis Areas with High Drug Composite Scores or Higher than Average Percentages of Past 30-day Day Drug Use.**

| Composite drug score | Single measure past 30-day day drug use |
|----------------------|---|
| Flagstaff West       | Flagstaff West                          |
| Flagstaff Rural      | Flagstaff Rural                         |
| Lake Havasu City     |   |
| Marana               |   |
| Cordes Junction      |   |
| Yavapai Co. S/Bagdad |   |
| Tohono O’Odam Nation |   |
| St. Johns            |   |
|                      | Page/Fredonia                           |
|                      | Flagstaff East                          |
|                      | Sedona                                  |
|                      | Winslow                                 |
|                      | Holbrook                                |

#### 6.4 Age problem areas

Data on the age of people affected by the various consequence and consumption indicators consistently suggests two age groups depending on the objective of the intervention that is to be funded. For most indicators, rates of consumption or consequences peaked among 18 to 25 year olds. For some indicators, rates among age

groups bracketing the 18 to 25 year olds were also relatively high and might be considered as part of the target range for intervention.

While youth under the age of 18 do not present with the highest rates of the problems that were analyzed, if the objective of interventions is to prevent the onset of consumption or problem behaviors, this age group should be targeted.

If the intervention's objective is to prevent the onset of consumption or problem behaviors within a population already experiencing high rates of problems or to prevent the reoccurrence of a problem behavior, 18 to 25 year olds and for some indicators, the age groups with second or third highest rates, should be targeted.

#### **6.4 Problem areas**

Given the complexity of the information presented so far, the following table is meant to provide a sense of how the data might be used for prevention intervention planning.

Table 6D presents possible indicators, geographically and age defined audiences, and the objectives that interventions might address. Target geographies were selected based on two criteria. First, they have high rates of the problem indicator or high alcohol or drug composite scores. Second, they have a high occurrence of the problem indicator.

| Problem Areas: Problematic Drinking and Youth Illicit Drug Use |   |   |   |
|--|---|---|---|
| Indicator  | Target Age  | Target Geography  | Objectives  |
| Problematic Drinking   |   |   |   |
| Past month underage drinking                                   | 8 <sup>th</sup> - 12 <sup>th</sup> grade students   | Counties and health analysis areas with highest rate of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Santa Cruz, Mohave, Gila, Cochise, Douglas CHAA, Globe/Hayden CHAA, Kingman and Lake Havasu City CHAA | 1. Increase age of onset<br>2. Decrease past 30-day day use                           |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Maricopa, Pima  |   |
|  | Students in grades below the 8 <sup>th</sup> grade  | Counties and health analysis areas with highest rate of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Santa Cruz, Mohave, Gila, Cochise, Douglas CHAA, Globe/Hayden CHAA, Kingman and Lake Havasu City CHAA | Increase age of onset   |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade drinking: Maricopa, Pima  |   |
|  |   |   |   |
| Past month underage binge drinking                             | 8 <sup>th</sup> – 12 <sup>th</sup> grade students   | Counties and health analysis areas with highest rates of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Santa Cruz, Mohave, Gila, Cochise, Douglas CHAA, Benson CHAA, Globe/Hayden CHAA, Williams CHAA | 1. Decrease past 30-day day use<br>2. Decrease past two-week binge drinking           |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Maricopa, Pima  |   |
|  | Students in grades below the 8 <sup>th</sup> grade. | Counties with highest rates of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Santa Cruz, Mohave, Gila, Cochise  | Increase age of onset   |
|  |   | Counties with highest occurrence of 8 <sup>th</sup> to 12 <sup>th</sup> grade binge drinking: Maricopa, Pima  |   |
|  |   |   |   |
| Past month adult binge drinking                                | 18-25 year olds (highest rate)                      | State level (no data at sub-state level)  | Decrease past 30-day day binge drinking   |
|  | <18 year olds                                       | State level (no data at sub-state level)  | 1. Decrease past two-week binge drinking<br>2. Increase age of onset                  |
|  |   |   |   |
| Alcohol related car crash injuries                             | 21 - 34 year olds                                   | Counties with highest rates of car crash injuries: La Paz, Coconino, Apache   | 1. Decrease alcohol related car crashes<br>2. Decrease past 30-day day binge drinking |
|  |   | Counties with highest occurrence of car crash injuries: Maricopa, Pima  |   |
|  | < 21 year olds                                      | Counties with highest rates of car crash injuries: La Paz, Coconino, Apache   | 1. Decrease past 30-day day binge drinking<br>2. Increase age of onset                |
|  |   | Counties with highest occurrence of car crash injuries: Maricopa, Pima  |   |

| Priority Problems: Problematic Drinking and Youth Illicit Drug Use |  |  |   |
|--|--|--|---|
| Youth Illicit Drug Use   |  |  |   |
| Indicator  | Target Age   | Target Geography   | Objectives  |
| Past month any illicit drug use <sup>1</sup>                       | 8 <sup>th</sup> – 12 <sup>th</sup> grade students  | Counties and health analysis areas with highest rates of past month any drug use: Apache, Graham, Coconino, Navajo, Page/Fredonia CHAA, Sedona CHAA, Flagstaff West CHAA, Flagstaff East CHAA, Flagstaff Rural CHAA, Winslow CHAA, Holbrook CHAA, Benson CHAA, Navajo Nation CHAA, Hopi Nation CHAA, Havasupai CHAA. | 1. Decrease past month illicit drug use<br>2. Increase age of onset |
|  |  | Counties with highest occurrence of past month any drug use: Maricopa, Pima  |   |
|  | Students in grades below the 8 <sup>th</sup> grade | Counties and health analysis areas with highest rates of past month any drug use: Apache, Graham, Coconino, Navajo, Page/Fredonia CHAA, Sedona CHAA, Flagstaff West CHAA, Flagstaff East CHAA, Flagstaff Rural CHAA, Winslow CHAA, Holbrook CHAA, Benson CHAA, Navajo Nation CHAA, Hopi Nation CHAA, Havasupai CHAA. | Increase age of onset   |
|  |  | Counties with highest occurrence of past month any drug use: Maricopa, Pima  |   |

<sup>1</sup> Any illicit drug generally includes all drugs with the exception of tobacco and alcohol. The specific drugs that are included may vary according to the study that is used to measure drug use.

## 7. Data Concerns and Needs

In the course of the epidemiology work group's efforts, a variety of data and research needs were identified, some of which presented significant gaps in our knowledge of substance abuse consumption and consequences in Arizona.

### **Adult prevalence survey**

There is no study of adults that provides sub-state level estimates for substance use and substance related consequences such as clinical dependence or abuse. National studies provide state level estimates but their sample size is too small to provide any estimates at a lower geographic level. The Department of Health Services conducted a population based telephone survey in 1996 that investigated substance use consumption and substance related consequences among adults ages 18 to 64. This survey or a survey like it should be conducted on a biennial basis. State agencies with the mandate or burden of addressing substance use or its consequences, the Department of Health Services or the Administrative Office of the Courts, for example, should be involved with the development and planning of the survey. The survey sample should be large enough, at a minimum, to provide sub-county level estimates for Maricopa and Pima counties and county level estimates for the other counties.

### **Proportion of health or social problems attributable to substance use**

Throughout the development of the epidemiological profile the question of the relationship of substance use to chronic diseases such as heart disease or social problems such as crime or school dropout remained unanswered. The work group acknowledged that these relationships do exist and are an essential contribution to a robust profile of the effects of substance use in Arizona. In ensuing years of the State Incentive Grant, the epidemiology work group can address this issue in two ways: first, by conducting a literature review of studies that reliably measure the contribution of substance abuse to these health and social problems and second, by conducting studies specific to Arizona's population provided that resources are available for such a study.

### **Measures of the severity of substance use such as economic costs or years of productive life lost**

This profile provides information about the extent of substance use and the occurrence of substance use related consequences in Arizona but, with the exception of instances of death or illness, does not describe or quantify the effect substance use has on the individual or society. The severity of substance use is another factor to consider when setting priorities among consequence and consumption indicators because it is possible that certain consequences or drugs exert a heavier toll than others. Often severity is measured by indicators such as economic costs, utilization of system resources, or years of productive life lost due to substance use or its consequences. The epidemiology work group can address this deficiency in subsequent years by conducting reviews of pertinent studies that can be applied to Arizona's population or by conducting primary research with Arizona specific populations provided that resources are available for such a study.



### **Resource inventory**

In this report, resources and assets were defined as the annual amount of public funding received by service providers in Arizona as reported in the *Arizona Drug and Gang Prevention and Treatment Program Inventory*. The *Inventory* has been tallied annually since 1990 and data elements included were either prescribed by legislation or agreed upon by data providers. Some important dimensions of resource assessment, such as measures of program effectiveness or the behavioral objectives that are targeted by the resources have yet to be included in this data source. Resource assessments should continue to be performed on a regular basis and include data on resources at the lowest geographic level possible (closest to program delivery). In addition, the design of future assessments should consider use of additional measures and tools that provide feasible and reliable information to determine the effects of resources on behavioral outcomes.

### **Child welfare and substance abuse**

One of the original intents of the grant was to address the substance abuse prevention needs of those families that are in the child welfare system or communities that have high rates of child welfare involvement. Unfortunately, reliable data on the co-occurrence of substance use and child welfare involvement is not regularly collected. If the state wishes to pursue such interventions in the future, the child welfare system should include a substance use assessment at the appropriate client contact point so that reliable and representative data can be collected.

### **Sub-county data**

Throughout this process survey data with samples at a sub-county level or archival data that could be disaggregated to a sub-county level were constantly sought. In most instances, survey and archival data are readily available at a county level but this may not accurately describe the circumstances at a municipal or neighborhood level. In the instance of survey data, the costs of sampling so that lower geographies can be reliably estimated may be prohibitive so a strategy must be adopted that could provide sub-county estimates where it is most needed. It is recommended that, at a minimum, sub-county samples in Maricopa and Pima counties be planned given the high density of people and large proportion of Arizona's population living in those areas. Other sub-county samples should be decided as needed.

### **Geographic Information Systems**

A geographic information system (GIS) is used in this needs assessment to create maps of community areas. When data has been geocoded it can be used to create counts or rates for any defined geographic area. There is a need for the collection of accurate address data as part of data collection so that geocoding can be accomplished. In this project, the use of survey data that was collected for county estimates was problematic in the production of community values. If survey data is to be used in evaluating the outcome of prevention efforts, then the surveys need to be at the level of prevention activity. If the community is conducting the prevention intervention then surveys need to be conducted in that community. It is recommended that community level information continue to be provided for the measures that are identified as priorities. This will allow the best identification of improvements in outcome.

## Appendix A: Consequence and Consumption Indicators Considered

| Problem                | Element  |
|------------------------|--|
| Mortality              | Drug related deaths  |
|                        | Alcohol related deaths   |
|                        | Motor vehicle deaths, drug and alcohol related   |
|                        | Boat transport deaths, drug and alcohol related  |
|                        | Chronic liver disease and cirrhosis  |
|                        | Lung cancer deaths   |
|                        | COPD and emphysema deaths  |
|                        | Cardiovascular disease deaths  |
|                        | Smoking deaths   |
| Morbidity              | Past year dependence or abuse for illicit drugs or alcohol                                       |
|                        | Treatment admissions   |
|                        | Hospital discharges with alcohol or drug related diagnoses                                       |
|                        | Emergency department visits with alcohol or drug related diagnoses                               |
|                        | Patient days for alcohol abuse   |
|                        | Average length of hospital stay  |
|                        | Drug related hospital discharges   |
|                        | Number of discharges for substance abuse as first listed diagnosis                               |
|                        | IV drug use related HIV/AIDS cases   |
|                        | Alcohol related ER admissions  |
|                        | Motor vehicle injuries/accidents, drug/alcohol related   |
|                        | Boat transport injuries/accidents, drug/alcohol related  |
|                        | Drug/Alcohol related injuries  |
|                        | Low Birth weight babies  |
|                        | Substance dependence and abuse   |
|                        | Past year treatment  |
|                        | Past year need and receipt of treatment  |
|                        | Past year need but not receiving treatment   |
|                        | Serious mental illness with substance abuse or dependence  |
|                        | Fetal substance poisoning  |
|                        | Persons reporting driving in the past 30 days when they think they have had too much to drink    |
|                        | DUI/Adult  |
|                        | DUI/Juvenile   |
| Crime, Youth and Adult | Arrest for driving under the influence   |
|                        | Alcohol-related arrests  |
|                        | Drug-related arrests   |
|                        | Drug sale/manufacturing  |
|                        | Drug possession  |
|                        | Liquor law violations  |
|                        | Probation sentencing for drug offenses   |
|                        | Probation sentencing for driving under the influence   |
|                        | Alcohol/Drug related corrections commitments   |
|                        | Alcohol/Drug related juvenile corrections commitments  |
| Child welfare          | Number of families in Child Protective Services that were referred for substance abuse treatment |
|                        | Child Protective Service Reports, April to September, 2004                                       |

|                              |  |
|------------------------------|--|
|                              | In-home services, all active cases   |
|                              | Removals, April to September 2004  |
|                              | Alcohol/drug use during pregnancy  |
|                              | Tobacco use during pregnancy   |
|                              |  |
| Education                    |  |
|                              | Alcohol, tobacco or other drug related suspension or expulsion from school |
|                              | Drunk or high at school  |
|                              | Dropout rates  |
|                              | Graduation rates   |
|                              |  |
| Poverty                      | Unemployment rate  |
|                              | Population below poverty   |
|                              | Free and reduced lunch   |
|                              | TANF recipients  |
|                              | Food stamp recipients  |
|                              | Per capita personal income   |
|                              |  |
| Consumption, Youth and Adult |  |
|                              | Age of initiation, all drugs   |
|                              | Life time use, alcohol and drugs   |
|                              | Lifetime binge drinking  |
|                              | 30-day day use, cigarette  |
|                              | 30-day day use, alcohol  |
|                              | 30-day day use, any drug including alcohol and tobacco                     |
|                              | 30-day day binge drinking  |
|                              | Multiple drug use  |
|                              | Alcohol outlets  |
|                              | College drinking   |
|                              |  |
| Other variables              |  |
|                              | Intention to use   |
|                              | Perception of harm   |
|                              | Stolen a vehicle   |
|                              | Been arrested  |
|                              | Attacked to harm   |
|                              | Carried a handgun  |
|                              | Handgun in school  |
|                              | Sold illegal drugs   |
|                              | Perception of risk   |
|                              | Perceived availability   |
|                              | Parental disapproval   |
|                              | Attitudes about school   |
|                              |  |
| Background variables         | County population estimates  |
|                              | County population estimates by age   |

## Appendix B: County Population Estimates, 2003

| <b><i>County population estimates, 2003</i></b> |                     |                                   |
|---|---------------------|-----------------------------------|
| County  | Population estimate | Percent of total state population |
| Apache  | 70,625              | 1.3                               |
| Cochise   | 126,160             | 2.2                               |
| Coconino  | 128,925             | 2.3                               |
| Gila  | 53,555              | 1.0                               |
| Graham  | 34,490              | .6                                |
| Greenlee  | 8,595               | .2                                |
| La Paz  | 20,715              | .4                                |
| Maricopa  | 3,396,875           | 60.3                              |
| Mohave  | 170,805             | 3.0                               |
| Navajo  | 103,790             | 1.8                               |
| Pima  | 910,950             | 16.2                              |
| Pinal   | 201,565             | 3.6                               |
| Santa Cruz                                      | 40,890              | .7                                |
| Yavapai   | 186,885             | 3.3                               |
| Yuma  | 175,045             | 3.1                               |
| Total   | 5,629,870           | 100                               |

Source: *July 1, 2003 Population Estimates for Arizona's Counties, Incorporated Places, and Balance of County Areas*, Department of Economic Security, Population Statistics Unit, 2003.

| <b><i>Population Estimates by Age Group, 2003</i></b> |        |         |         |           |
|---|--------|---------|---------|-----------|
|   | <1     | 1-14    | 15-19   | >19       |
| Maricopa  | 54,299 | 722,180 | 237,362 | 1,013,841 |
| Pima  | 12,394 | 175,119 | 67,153  | 254,666   |
| Yuma  | 2,819  | 39,884  | 13,106  | 55,809    |
| Pinal   | 2,714  | 39,525  | 13,546  | 55,785    |
| Yavapai   | 1,794  | 30,394  | 11,778  | 43,966    |
| Mohave  | 2,120  | 30,861  | 10,108  | 43,089    |
| Coconino  | 1,811  | 28,701  | 11,291  | 41,803    |
| Navajo  | 1,728  | 28,622  | 9,639   | 39,989    |
| Cochise   | 1,799  | 25,562  | 9,778   | 37,139    |
| Apache  | 1,253  | 21,260  | 7,060   | 29,573    |
| Santa Cruz  | 756    | 10,774  | 3,389   | 14,919    |
| Gila  | 616    | 10,483  | 3,561   | 14,660    |
| Graham  | 535    | 8,025   | 3,328   | 11,888    |
| La Paz  | 199    | 3,313   | 1,256   | 4,768     |
| Greenlee  | 122    | 2,102   | 733     | 2,957     |

Source: Department of Health Services.

## Appendix C: Community Health Analysis Area Profiles

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Community Health Analysis Area profiles begin on the following page.

# Arizona Community Health Analysis Area 1

## Littlefield

|  |                    |             |
|--|--------------------|-------------|
| <i>Demographics</i>  |                    |             |
| Population   | Total              | 7247        |
|  | 0-18               | 3738        |
|  | 19-64              | 3089        |
|  | 65+                | 420         |
| Race   |                    |             |
|  | White non-Hispanic | 6460        |
|  | Black              | 9           |
|  | Native American    | 45          |
|  | Hispanic           | 636         |
|  | Other              | 97          |
| Gender   |                    |             |
|  | Male               | 3643        |
|  | Female             | 3604        |
| Percent of Families below poverty  |                    | 21.2%       |
| Average Family Income  |                    | \$50,756    |
| Average Family Size  |                    | 5.3         |
| <b><i>Risk Measures</i></b>  |                    |             |
|  | Value              | State Value |
| 1. Rate of Child Protective Services Reports per 1000 children                       | 7.60               | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.32               | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.99               | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.99%             | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 43.29%             | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.37%             | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.31%             | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.35%             | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2               | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8               | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2               | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2               | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.39%             | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00               | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00               | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 46.57%             | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 47.59%             | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.07%             | 44.81%      |

## Arizona Community Health Analysis Area 2

### Kaibab Paiute

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 272      |
|                                   | 0-18               | 125      |
|                                   | 19-64              | 134      |
|                                   | 65+                | 13       |
| Race                              |                    |          |
|                                   | White non-Hispanic | 93       |
|                                   | Black              | 0        |
|                                   | Native American    | 163      |
|                                   | Hispanic           | 9        |
|                                   | Other              | 7        |
| Gender                            |                    |          |
|                                   | Male               | 120      |
|                                   | Female             | 152      |
| Percent of Families below poverty |                    | 24.1%    |
| Average Family Income             |                    | \$38,272 |
| Average Family Size               |                    | 3.5      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 8.06   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.57% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 42.76% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.63% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.36% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.63% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 33.72% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 45.27% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 49.22% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.97% | 44.81%      |

## Arizona Community Health Analysis Area 3 Dolan Springs

|  |                    |             |
|--|--------------------|-------------|
| <i>Demographics</i>  |                    |             |
| Population   | Total              | 6596        |
|  | 0-18               | 980         |
|  | 19-64              | 3583        |
|  | 65+                | 2033        |
| Race   |                    |             |
|  | White non-Hispanic | 6027        |
|  | Black              | 49          |
|  | Native American    | 115         |
|  | Hispanic           | 266         |
|  | Other              | 139         |
| Gender   |                    |             |
|  | Male               | 3436        |
|  | Female             | 3160        |
| Percent of Families below poverty  |                    | 13.2%       |
| Average Family Income  |                    | \$44,007    |
| Average Family Size  |                    | 2.5         |
| <b><i>Risk Measures</i></b>  |                    |             |
|  | Value              | State Value |
| 1. Rate of Child Protective Services Reports per 1000 children                       | 44.53              | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.27               | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.54               | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.12%             | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 43.46%             | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.82%             | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.47%             | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 48.60%             | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1               | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7               | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1               | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1               | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 40.28%             | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00               | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00               | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 46.78%             | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 48.03%             | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.66%             | 44.81%      |



## Arizona Community Health Analysis Area 4 Hualapai

|  |                    |             |
|--|--------------------|-------------|
| <i>Demographics</i>  |                    |             |
| Population   | Total              | 1472        |
|  | 0-18               | 632         |
|  | 19-64              | 760         |
|  | 65+                | 80          |
| Race   |                    |             |
|  | White non-Hispanic | 70          |
|  | Black              | 1           |
|  | Native American    | 1368        |
|  | Hispanic           | 26          |
|  | Other              | 7           |
| Gender   |                    |             |
|  | Male               | 712         |
|  | Female             | 760         |
| Percent of Families below poverty  |                    | 36.7%       |
| Average Family Income  |                    | \$38,014    |
| Average Family Size  |                    | 4.0         |
| <b><i>Risk Measures</i></b>  |                    |             |
|  | Value              | State Value |
| 1. Rate of Child Protective Services Reports per 1000 children                       | 29.63              | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.70               | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00               | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 24.04%             | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.04%             | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.26%             | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 27.00%             | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.82%             | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0               | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8               | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0               | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1               | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.00%             | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 11.98              | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 17.96              | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.27%             | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.18%             | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.97%             | 44.81%      |

## Arizona Community Health Analysis Area 5 Kingman

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 48829    |
|                                   | 0-18               | 12710    |
|                                   | 19-64              | 27229    |
|                                   | 65+                | 8890     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 42212    |
|                                   | Black              | 241      |
|                                   | Native American    | 1101     |
|                                   | Hispanic           | 3827     |
|                                   | Other              | 1448     |
| Gender                            |                    |          |
|                                   | Male               | 24116    |
|                                   | Female             | 24713    |
| Percent of Families below poverty |                    | 10.4%    |
| Average Family Income             |                    | \$48,188 |
| Average Family Size               |                    | 2.9      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 57.31  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.72   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.48   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.95% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 45.58% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.28% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.88% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 49.28% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 40.85% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.76   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.31   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.01% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.95% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.58% | 44.81%      |

## Arizona Community Health Analysis Area 6 Bullhead City

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 48338    |
|                                   | 0-18               | 11535    |
|                                   | 19-64              | 27458    |
|                                   | 65+                | 9345     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 36888    |
|                                   | Black              | 445      |
|                                   | Native American    | 808      |
|                                   | Hispanic           | 8898     |
|                                   | Other              | 1299     |
| Gender                            |                    |          |
|                                   | Male               | 23968    |
|                                   | Female             | 24370    |
| Percent of Families below poverty |                    | 10.5%    |
| Average Family Income             |                    | \$48,248 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 47.24  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.62   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 5.33   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.23% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 43.77% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.24% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.61% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 49.28% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.91% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.34   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 45.49% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 47.24% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.66% | 44.81%      |

## Arizona Community Health Analysis Area 7 Fort Mohave

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 7650     |
|                                   | 0-18               | 1865     |
|                                   | 19-64              | 4210     |
|                                   | 65+                | 1575     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 6014     |
|                                   | Black              | 30       |
|                                   | Native American    | 674      |
|                                   | Hispanic           | 759      |
|                                   | Other              | 173      |
| Gender                            |                    |          |
|                                   | Male               | 3825     |
|                                   | Female             | 3825     |
| Percent of Families below poverty |                    | 8.3%     |
| Average Family Income             |                    | \$45,957 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 32.76  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.79   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.38   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.34% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 43.48% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.22% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.52% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 48.87% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 41.01% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.37% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.52% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.69% | 44.81%      |

## Arizona Community Health Analysis Area 8 Lake Havasu City

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 53165    |
|                                   | 0-18               | 10996    |
|                                   | 19-64              | 28702    |
|                                   | 65+                | 13467    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 47440    |
|                                   | Black              | 149      |
|                                   | Native American    | 435      |
|                                   | Hispanic           | 4184     |
|                                   | Other              | 957      |
| Gender                            |                    |          |
|                                   | Male               | 26157    |
|                                   | Female             | 27008    |
| Percent of Families below poverty |                    | 6.9%     |
| Average Family Income             |                    | \$57,568 |
| Average Family Size               |                    | 2.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 34.58  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.08   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.49   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 22.62% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 46.50% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.12% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 26.52% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 49.45% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 43.82% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 15.30  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 19.58  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.18% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.80% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.09% | 44.81%      |

# Arizona Community Health Analysis Area 9

## Page/Fredonia

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 9372     |
|                                   | 0-18               | 3098     |
|                                   | 19-64              | 5576     |
|                                   | 65+                | 698      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 5654     |
|                                   | Black              | 39       |
|                                   | Native American    | 3108     |
|                                   | Hispanic           | 311      |
|                                   | Other              | 260      |
| Gender                            |                    |          |
|                                   | Male               | 4743     |
|                                   | Female             | 4629     |
| Percent of Families below poverty |                    | 12.1%    |
| Average Family Income             |                    | \$58,753 |
| Average Family Size               |                    | 3.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 31.89  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.34   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.60   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 24.98% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.07% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.23% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 27.74% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.39% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.67% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.90% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 39.86% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.68% | 44.81%      |

# Arizona Community Health Analysis Area 10

## Navajo Nation

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 99519    |
|                                   | 0-18               | 42356    |
|                                   | 19-64              | 49291    |
|                                   | 65+                | 7872     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 1566     |
|                                   | Black              | 39       |
|                                   | Native American    | 96884    |
|                                   | Hispanic           | 423      |
|                                   | Other              | 607      |
| Gender                            |                    |          |
|                                   | Male               | 48746    |
|                                   | Female             | 50773    |
| Percent of Families below poverty |                    | 37.1%    |
| Average Family Income             |                    | \$36,596 |
| Average Family Size               |                    | 4.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 2.41   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.22   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.12   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 27.42% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 32.15% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.43% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 28.40% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.39% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.7   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 34.16% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 24.57  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 16.61  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 52.28% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 38.30% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.03% | 44.81%      |

# Arizona Community Health Analysis Area 11

## Hopi Nation

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 14686    |
|                                   | 0-18               | 6095     |
|                                   | 19-64              | 7383     |
|                                   | 65+                | 1208     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 236      |
|                                   | Black              | 11       |
|                                   | Native American    | 14344    |
|                                   | Hispanic           | 44       |
|                                   | Other              | 51       |
| Gender                            |                    |          |
|                                   | Male               | 7234     |
|                                   | Female             | 7452     |
| Percent of Families below poverty |                    | 45.8%    |
| Average Family Income             |                    | \$27,297 |
| Average Family Size               |                    | 4.4      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 3.03   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.89   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 28.68% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 35.86% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.65% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 30.29% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.33% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.9   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.4   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 15.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.92% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.76   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.89   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 54.69% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.83% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.98% | 44.81%      |



## Arizona Community Health Analysis Area 12 Williams

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 9554     |
|                                   | 0-18               | 2585     |
|                                   | 19-64              | 6087     |
|                                   | 65+                | 882      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 6186     |
|                                   | Black              | 124      |
|                                   | Native American    | 995      |
|                                   | Hispanic           | 1986     |
|                                   | Other              | 263      |
| Gender                            |                    |          |
|                                   | Male               | 4943     |
|                                   | Female             | 4611     |
| Percent of Families below poverty |                    | 9.8%     |
| Average Family Income             |                    | \$55,198 |
| Average Family Size               |                    | 3.0      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 29.32  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.79   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.65   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.84% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.63% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 29.90% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.47% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.08% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.4   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 42.49% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.26% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.01% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.51% | 44.81%      |

## Arizona Community Health Analysis Area 13 Havasupai

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 525      |
|                                   | 0-18               | 227      |
|                                   | 19-64              | 282      |
|                                   | 65+                | 16       |
| Race                              |                    |          |
|                                   | White non-Hispanic | 21       |
|                                   | Black              | 0        |
|                                   | Native American    | 501      |
|                                   | Hispanic           | 3        |
|                                   | Other              | 0        |
| Gender                            |                    |          |
|                                   | Male               | 254      |
|                                   | Female             | 271      |
| Percent of Families below poverty |                    | 46.1%    |
| Average Family Income             |                    | \$33,420 |
| Average Family Size               |                    | 4.3      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 9.57   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.78   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 24.85% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.32% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.39% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 27.57% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.55% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.88% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.73% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 39.89% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.87% | 44.81%      |

## Arizona Community Health Analysis Area 14 Flagstaff-Rural

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 18856    |
|                                   | 0-18               | 5540     |
|                                   | 19-64              | 12052    |
|                                   | 65+                | 1264     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 14321    |
|                                   | Black              | 78       |
|                                   | Native American    | 2442     |
|                                   | Hispanic           | 1575     |
|                                   | Other              | 440      |
| Gender                            |                    |          |
|                                   | Male               | 9533     |
|                                   | Female             | 9323     |
| Percent of Families below poverty |                    | 4.5%     |
| Average Family Income             |                    | \$75,075 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 28.07  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.45   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.35   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 26.71% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.46% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.97% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 29.23% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 48.30% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 40.90% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 8.07   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.31% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 40.08% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.64% | 44.81%      |

# Arizona Community Health Analysis Area 15

## Flagstaff W

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 28249    |
|                                   | 0-18               | 6554     |
|                                   | 19-64              | 20301    |
|                                   | 65+                | 1394     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 19329    |
|                                   | Black              | 459      |
|                                   | Native American    | 3733     |
|                                   | Hispanic           | 3823     |
|                                   | Other              | 905      |
| Gender                            |                    |          |
|                                   | Male               | 14051    |
|                                   | Female             | 14198    |
| Percent of Families below poverty |                    | 13.0%    |
| Average Family Income             |                    | \$64,137 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 28.29  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.07   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.52   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 30.81% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.38% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.77% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 32.05% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 51.05% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.9   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.5   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.7   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 44.61% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 45.93% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 40.41% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.79% | 44.81%      |

## Arizona Community Health Analysis Area 16 Flagstaff E

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 29844    |
|                                   | 0-18               | 8780     |
|                                   | 19-64              | 19141    |
|                                   | 65+                | 1923     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 18436    |
|                                   | Black              | 396      |
|                                   | Native American    | 4799     |
|                                   | Hispanic           | 5199     |
|                                   | Other              | 1014     |
| Gender                            |                    |          |
|                                   | Male               | 14746    |
|                                   | Female             | 15098    |
| Percent of Families below poverty |                    | 8.8%     |
| Average Family Income             |                    | \$72,957 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 34.19  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.29   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 5.72   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.68% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.92% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.87% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 27.97% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.66% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.16% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.09% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 39.86% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.65% | 44.81%      |

## Arizona Community Health Analysis Area 17 Sedona

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 18722    |
|                                   | 0-18               | 2711     |
|                                   | 19-64              | 10884    |
|                                   | 65+                | 5127     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 16515    |
|                                   | Black              | 88       |
|                                   | Native American    | 121      |
|                                   | Hispanic           | 1551     |
|                                   | Other              | 447      |
| Gender                            |                    |          |
|                                   | Male               | 8810     |
|                                   | Female             | 9912     |
| Percent of Families below poverty |                    | 5.2%     |
| Average Family Income             |                    | \$86,430 |
| Average Family Size               |                    | 2.5      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 18.81  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.19   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.19   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 25.27% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.38% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.52% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 27.93% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.81% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.03% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.59% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 39.89% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.93% | 44.81%      |

## Arizona Community Health Analysis Area 18 Winslow

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 10577    |
|                                   | 0-18               | 3303     |
|                                   | 19-64              | 6268     |
|                                   | 65+                | 1006     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 3712     |
|                                   | Black              | 495      |
|                                   | Native American    | 3755     |
|                                   | Hispanic           | 2260     |
|                                   | Other              | 355      |
| Gender                            |                    |          |
|                                   | Male               | 5843     |
|                                   | Female             | 4734     |
| Percent of Families below poverty |                    | 18.4%    |
| Average Family Income             |                    | \$46,222 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 51.89  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.53   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 7.83   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 26.30% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 35.01% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.41% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 29.79% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.77% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.7   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.4   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.54% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.96   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.99   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.21% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.30% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.04% | 44.81%      |

## Arizona Community Health Analysis Area 19 Holbrook

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 7753     |
|                                   | 0-18               | 2940     |
|                                   | 19-64              | 4079     |
|                                   | 65+                | 734      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 3501     |
|                                   | Black              | 147      |
|                                   | Native American    | 2644     |
|                                   | Hispanic           | 1192     |
|                                   | Other              | 269      |
| Gender                            |                    |          |
|                                   | Male               | 3749     |
|                                   | Female             | 4004     |
| Percent of Families below poverty |                    | 15.8%    |
| Average Family Income             |                    | \$49,460 |
| Average Family Size               |                    | 3.5      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 40.37  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.78   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.70   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 24.25% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 33.41% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.99% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 28.18% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 40.44% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.7   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 32.95% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 7.06   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.02   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 57.47% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.31% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 41.71% | 44.81%      |



## Arizona Community Health Analysis Area 20

### Heber-Overgaard/Snowflake

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 17485    |
|                                   | 0-18               | 5832     |
|                                   | 19-64              | 9343     |
|                                   | 65+                | 2310     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 14722    |
|                                   | Black              | 80       |
|                                   | Native American    | 1010     |
|                                   | Hispanic           | 1328     |
|                                   | Other              | 345      |
| Gender                            |                    |          |
|                                   | Male               | 8724     |
|                                   | Female             | 8761     |
| Percent of Families below poverty |                    | 11.7%    |
| Average Family Income             |                    | \$49,873 |
| Average Family Size               |                    | 3.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 23.52  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.38   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.19   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.72% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 32.46% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 19.09% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.04% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 40.80% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 31.98% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 4.67   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.75   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 54.54% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.85% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 40.80% | 44.81%      |

## Arizona Community Health Analysis Area 21

### Show Low

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 23919    |
|                                   | 0-18               | 6818     |
|                                   | 19-64              | 13488    |
|                                   | 65+                | 3613     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 19481    |
|                                   | Black              | 134      |
|                                   | Native American    | 1211     |
|                                   | Hispanic           | 2494     |
|                                   | Other              | 599      |
| Gender                            |                    |          |
|                                   | Male               | 11834    |
|                                   | Female             | 12085    |
| Percent of Families below poverty |                    | 8.8%     |
| Average Family Income             |                    | \$57,242 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 44.60  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.52   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 6.12   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 21.61% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 30.01% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 19.59% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.69% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 38.32% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.9   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.6   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 32.59% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.97   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.48   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 55.68% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 40.31% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 37.19% | 44.81%      |

## Arizona Community Health Analysis Area 22

### White Mountain Apache

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 13085    |
|                                   | 0-18               | 5866     |
|                                   | 19-64              | 6620     |
|                                   | 65+                | 599      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 275      |
|                                   | Black              | 15       |
|                                   | Native American    | 12630    |
|                                   | Hispanic           | 52       |
|                                   | Other              | 113      |
| Gender                            |                    |          |
|                                   | Male               | 6270     |
|                                   | Female             | 6815     |
| Percent of Families below poverty |                    | 42.2%    |
| Average Family Income             |                    | \$28,832 |
| Average Family Size               |                    | 4.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 5.69   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.73   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.37   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 20.15% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 31.54% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 19.93% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.10% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 38.89% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.9   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.7   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 32.19% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 38.46  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.48   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 55.84% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 40.63% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 37.25% | 44.81%      |

## Arizona Community Health Analysis Area 23 St. Johns

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 7059     |
|                                   | 0-18               | 2140     |
|                                   | 19-64              | 3997     |
|                                   | 65+                | 922      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 4906     |
|                                   | Black              | 96       |
|                                   | Native American    | 551      |
|                                   | Hispanic           | 1319     |
|                                   | Other              | 187      |
| Gender                            |                    |          |
|                                   | Male               | 3744     |
|                                   | Female             | 3315     |
| Percent of Families below poverty |                    | 16.6%    |
| Average Family Income             |                    | \$37,768 |
| Average Family Size               |                    | 3.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 41.98  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 8.89   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 7.90   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 32.41% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 34.75% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.21% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 31.54% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.09% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.30% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 17.05  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 14.20  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.49% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 37.34% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 42.79% | 44.81%      |

## Arizona Community Health Analysis Area 24 Round Valley

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 7144     |
|                                   | 0-18               | 2346     |
|                                   | 19-64              | 3875     |
|                                   | 65+                | 923      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 5563     |
|                                   | Black              | 24       |
|                                   | Native American    | 438      |
|                                   | Hispanic           | 944      |
|                                   | Other              | 175      |
| Gender                            |                    |          |
|                                   | Male               | 3507     |
|                                   | Female             | 3637     |
| Percent of Families below poverty |                    | 9.3%     |
| Average Family Income             |                    | \$56,790 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 23.62  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.79   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.34   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 32.17% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 34.62% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.06% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 31.34% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.97% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.19% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.27   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.63% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 37.38% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 42.61% | 44.81%      |

## Arizona Community Health Analysis Area 25

### Chino Valley/Ash Fork

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 24940    |
|                                   | 0-18               | 6601     |
|                                   | 19-64              | 14504    |
|                                   | 65+                | 3835     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 21533    |
|                                   | Black              | 79       |
|                                   | Native American    | 285      |
|                                   | Hispanic           | 2627     |
|                                   | Other              | 416      |
| Gender                            |                    |          |
|                                   | Male               | 12437    |
|                                   | Female             | 12503    |
| Percent of Families below poverty |                    | 10.2%    |
| Average Family Income             |                    | \$62,600 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 37.40  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.65   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.20   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.60% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.68% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.37% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.73% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 51.56% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 40.04% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.01   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.01   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.01% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.15% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.83% | 44.81%      |

# Arizona Community Health Analysis Area 26

## Yavapai Co. NE

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 48212    |
|                                   | 0-18               | 11623    |
|                                   | 19-64              | 26263    |
|                                   | 65+                | 10326    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 39156    |
|                                   | Black              | 179      |
|                                   | Native American    | 1526     |
|                                   | Hispanic           | 6426     |
|                                   | Other              | 925      |
| Gender                            |                    |          |
|                                   | Male               | 23369    |
|                                   | Female             | 24843    |
| Percent of Families below poverty |                    | 8.2%     |
| Average Family Income             |                    | \$54,869 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 35.71  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.47   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.98   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.40% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.60% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.85% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.24% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 49.96% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.9   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.57% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.12   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.80   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.02% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.42% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.23% | 44.81%      |

# Arizona Community Health Analysis Area 27

## Yavapai Co. S/Bagdad

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 11050    |
|                                   | 0-18               | 2145     |
|                                   | 19-64              | 6235     |
|                                   | 65+                | 2670     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 9940     |
|                                   | Black              | 36       |
|                                   | Native American    | 88       |
|                                   | Hispanic           | 828      |
|                                   | Other              | 158      |
| Gender                            |                    |          |
|                                   | Male               | 5617     |
|                                   | Female             | 5433     |
| Percent of Families below poverty |                    | 7.4%     |
| Average Family Income             |                    | \$52,792 |
| Average Family Size               |                    | 2.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 34.64  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.13   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.06   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.29% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.66% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.49% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.81% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 51.92% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.85% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 14.79  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.96   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.34% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.54% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.38% | 44.81%      |



## Arizona Community Health Analysis Area 28 Prescott

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 50324    |
|                                   | 0-18               | 8815     |
|                                   | 19-64              | 28564    |
|                                   | 65+                | 12945    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 44936    |
|                                   | Black              | 196      |
|                                   | Native American    | 624      |
|                                   | Hispanic           | 3583     |
|                                   | Other              | 985      |
| Gender                            |                    |          |
|                                   | Male               | 24962    |
|                                   | Female             | 25362    |
| Percent of Families below poverty |                    | 6.8%     |
| Average Family Income             |                    | \$69,319 |
| Average Family Size               |                    | 2.6      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 41.88  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 8.72   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.09   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.52% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.72% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.45% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.82% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 51.79% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.89% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.33   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.34   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.59% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.38% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.18% | 44.81%      |

## Arizona Community Health Analysis Area 29

### Prescott Valley

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 33729    |
|                                   | 0-18               | 9103     |
|                                   | 19-64              | 18196    |
|                                   | 65+                | 6430     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 28306    |
|                                   | Black              | 145      |
|                                   | Native American    | 368      |
|                                   | Hispanic           | 4221     |
|                                   | Other              | 689      |
| Gender                            |                    |          |
|                                   | Male               | 16520    |
|                                   | Female             | 17209    |
| Percent of Families below poverty |                    | 7.9%     |
| Average Family Income             |                    | \$51,819 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 40.05  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.59   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.42   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.52% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.72% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.45% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.81% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 51.76% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.89% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.73   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.92   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.62% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.36% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.16% | 44.81%      |

## Arizona Community Health Analysis Area 30 Yavapai-Prescott Indian Tribe

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 160      |
|                                   | 0-18               | 67       |
|                                   | 19-64              | 83       |
|                                   | 65+                | 10       |
| Race                              |                    |          |
|                                   | White non-Hispanic | 17       |
|                                   | Black              | 0        |
|                                   | Native American    | 101      |
|                                   | Hispanic           | 7        |
|                                   | Other              | 35       |
| Gender                            |                    |          |
|                                   | Male               | 75       |
|                                   | Female             | 85       |
| Percent of Families below poverty |                    | 4.9%     |
| Average Family Income             |                    | \$66,419 |
| Average Family Size               |                    | 3.8      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 0.00   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.52% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.72% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.45% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.81% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 51.76% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.89% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.62% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.36% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.16% | 44.81%      |

## Arizona Community Health Analysis Area 31 Cordes Junction

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 5900     |
|                                   | 0-18               | 1385     |
|                                   | 19-64              | 3330     |
|                                   | 65+                | 1185     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 5341     |
|                                   | Black              | 11       |
|                                   | Native American    | 66       |
|                                   | Hispanic           | 410      |
|                                   | Other              | 72       |
| Gender                            |                    |          |
|                                   | Male               | 2970     |
|                                   | Female             | 2930     |
| Percent of Families below poverty |                    | 11.0%    |
| Average Family Income             |                    | \$54,859 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 70.16  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 9.30   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 5.07   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 23.02% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.79% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.99% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.34% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 55.41% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 40.15% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 9.39   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 23.47  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 46.25% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 48.92% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.03% | 44.81%      |

## Arizona Community Health Analysis Area 32 Payson

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 26465    |
|                                   | 0-18               | 5526     |
|                                   | 19-64              | 13939    |
|                                   | 65+                | 7000     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 23976    |
|                                   | Black              | 52       |
|                                   | Native American    | 643      |
|                                   | Hispanic           | 1419     |
|                                   | Other              | 375      |
| Gender                            |                    |          |
|                                   | Male               | 12953    |
|                                   | Female             | 13512    |
| Percent of Families below poverty |                    | 7.4%     |
| Average Family Income             |                    | \$58,816 |
| Average Family Size               |                    | 2.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 38.60  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.09   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.92   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.42% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.57% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.13% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.76% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.32% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 33.08% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.96   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.39   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 53.23% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.52% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.90% | 44.81%      |

## Arizona Community Health Analysis Area 33 Globe/Hayden

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 19894    |
|                                   | 0-18               | 5629     |
|                                   | 19-64              | 10932    |
|                                   | 65+                | 3333     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 11669    |
|                                   | Black              | 151      |
|                                   | Native American    | 743      |
|                                   | Hispanic           | 7022     |
|                                   | Other              | 309      |
| Gender                            |                    |          |
|                                   | Male               | 9835     |
|                                   | Female             | 10059    |
| Percent of Families below poverty |                    | 11.6%    |
| Average Family Income             |                    | \$48,444 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 62.52  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 9.48   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 6.56   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.88% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 45.94% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 32.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.78% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 48.53% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.8   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 40.04% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.81   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.60   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.71% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.56% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.90% | 44.81%      |

## Arizona Community Health Analysis Area 34

### San Carlos Apache

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 9791     |
|                                   | 0-18               | 4371     |
|                                   | 19-64              | 4887     |
|                                   | 65+                | 533      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 181      |
|                                   | Black              | 4        |
|                                   | Native American    | 9486     |
|                                   | Hispanic           | 32       |
|                                   | Other              | 88       |
| Gender                            |                    |          |
|                                   | Male               | 4834     |
|                                   | Female             | 4957     |
| Percent of Families below poverty |                    | 48.2%    |
| Average Family Income             |                    | \$26,904 |
| Average Family Size               |                    | 4.5      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 7.84   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.24   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 21.94% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.86% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.37% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 26.33% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.74% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.03% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 34.15  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 5.25   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.82% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.60% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 49.14% | 44.81%      |

## Arizona Community Health Analysis Area 35 Parker

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 6727     |
|                                   | 0-18               | 1668     |
|                                   | 19-64              | 3878     |
|                                   | 65+                | 1181     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 4397     |
|                                   | Black              | 100      |
|                                   | Native American    | 904      |
|                                   | Hispanic           | 1160     |
|                                   | Other              | 166      |
| Gender                            |                    |          |
|                                   | Male               | 3396     |
|                                   | Female             | 3331     |
| Percent of Families below poverty |                    | 10.8%    |
| Average Family Income             |                    | \$54,553 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 50.10  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.50   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.85   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 12.26% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.51% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.72% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 16.63% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 41.40% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.9   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 27.85% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.81   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.81   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 46.66% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.53% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.28% | 44.81%      |



## Arizona Community Health Analysis Area 36

### Quartzsite/Salome

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 9213     |
|                                   | 0-18               | 1312     |
|                                   | 19-64              | 4029     |
|                                   | 65+                | 3872     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 7479     |
|                                   | Black              | 52       |
|                                   | Native American    | 212      |
|                                   | Hispanic           | 1345     |
|                                   | Other              | 125      |
| Gender                            |                    |          |
|                                   | Male               | 4714     |
|                                   | Female             | 4499     |
| Percent of Families below poverty |                    | 11.9%    |
| Average Family Income             |                    | \$36,206 |
| Average Family Size               |                    | 2.5      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 40.41  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.75   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.75   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 13.78% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.48% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.85% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 17.23% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 39.62% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 28.35% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.16% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.28% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.93% | 44.81%      |

## Arizona Community Health Analysis Area 37 Colorado River Indian Tribes

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 4103     |
|                                   | 0-18               | 1323     |
|                                   | 19-64              | 2267     |
|                                   | 65+                | 513      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 913      |
|                                   | Black              | 35       |
|                                   | Native American    | 1550     |
|                                   | Hispanic           | 1531     |
|                                   | Other              | 74       |
| Gender                            |                    |          |
|                                   | Male               | 2190     |
|                                   | Female             | 1913     |
| Percent of Families below poverty |                    | 23.0%    |
| Average Family Income             |                    | \$33,500 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 10.45  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.75   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 12.26% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.51% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.72% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 16.63% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 41.40% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.9   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 27.85% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 9.43   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 7.08   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 46.66% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.53% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.28% | 44.81%      |

## Arizona Community Health Analysis Area 38

### Maricopa Co. N

|                                   |                    |           |
|-----------------------------------|--------------------|-----------|
| <i>Demographics</i>               |                    |           |
| Population                        | Total              | 24179     |
|                                   | 0-18               | 5272      |
|                                   | 19-64              | 15695     |
|                                   | 65+                | 3212      |
| Race                              |                    |           |
|                                   | White non-Hispanic | 21576     |
|                                   | Black              | 365       |
|                                   | Native American    | 293       |
|                                   | Hispanic           | 1509      |
|                                   | Other              | 436       |
| Gender                            |                    |           |
|                                   | Male               | 12606     |
|                                   | Female             | 11573     |
| Percent of Families below poverty |                    | 3.0%      |
| Average Family Income             |                    | \$108,283 |
| Average Family Size               |                    | 2.8       |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 30.06  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.04   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.92   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.55% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.17% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.01% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.72% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.26% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.89% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 20.83  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.17   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.65% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.41% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.16% | 44.81%      |

## Arizona Community Health Analysis Area 39 Wickenburg

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 21802    |
|                                   | 0-18               | 4244     |
|                                   | 19-64              | 10527    |
|                                   | 65+                | 7031     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 17800    |
|                                   | Black              | 179      |
|                                   | Native American    | 238      |
|                                   | Hispanic           | 3202     |
|                                   | Other              | 383      |
| Gender                            |                    |          |
|                                   | Male               | 10661    |
|                                   | Female             | 11141    |
| Percent of Families below poverty |                    | 6.5%     |
| Average Family Income             |                    | \$60,833 |
| Average Family Size               |                    | 2.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 47.34  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.69   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.41   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.18% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.28% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.99% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.15% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.64% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.59% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 12.03  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 16.04  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.70% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.01% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.85% | 44.81%      |

## Arizona Community Health Analysis Area 40 Scottsdale N

|                                   |                    |           |
|-----------------------------------|--------------------|-----------|
| <i>Demographics</i>               |                    |           |
| Population                        | Total              | 131285    |
|                                   | 0-18               | 30081     |
|                                   | 19-64              | 84078     |
|                                   | 65+                | 17126     |
| Race                              |                    |           |
|                                   | White non-Hispanic | 118164    |
|                                   | Black              | 1684      |
|                                   | Native American    | 402       |
|                                   | Hispanic           | 5387      |
|                                   | Other              | 5648      |
| Gender                            |                    |           |
|                                   | Male               | 63838     |
|                                   | Female             | 67447     |
| Percent of Families below poverty |                    | 2.5%      |
| Average Family Income             |                    | \$141,563 |
| Average Family Size               |                    | 2.8       |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 7.24   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.65   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.53   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.53% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.92% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.60% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.62% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.78% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.7   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.5   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.60% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 7.08   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.67   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 56.43% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 39.95% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.15% | 44.81%      |

## Arizona Community Health Analysis Area 41 Peoria

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 134033   |
|                                   | 0-18               | 40224    |
|                                   | 19-64              | 76061    |
|                                   | 65+                | 17748    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 100950   |
|                                   | Black              | 4039     |
|                                   | Native American    | 1107     |
|                                   | Hispanic           | 22248    |
|                                   | Other              | 5689     |
| Gender                            |                    |          |
|                                   | Male               | 65012    |
|                                   | Female             | 69021    |
| Percent of Families below poverty |                    | 3.3%     |
| Average Family Income             |                    | \$79,441 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 20.08  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.68   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.39   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.11% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.01% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.74% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.27% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.63% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.16% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 9.11   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 14.08  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.38% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.13% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.29% | 44.81%      |

## Arizona Community Health Analysis Area 42 Desert View/North Gateway

|                                   |                    |           |
|-----------------------------------|--------------------|-----------|
| <i>Demographics</i>               |                    |           |
| Population                        | Total              | 50305     |
|                                   | 0-18               | 13512     |
|                                   | 19-64              | 32724     |
|                                   | 65+                | 4069      |
| Race                              |                    |           |
|                                   | White non-Hispanic | 44681     |
|                                   | Black              | 482       |
|                                   | Native American    | 168       |
|                                   | Hispanic           | 3194      |
|                                   | Other              | 1780      |
| Gender                            |                    |           |
|                                   | Male               | 25041     |
|                                   | Female             | 25264     |
| Percent of Families below poverty |                    | 2.0%      |
| Average Family Income             |                    | \$118,079 |
| Average Family Size               |                    | 2.9       |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 10.21  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.03   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.52   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.54% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.12% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.05% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.45% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.45% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.66% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 7.18   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.40   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.71% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.97% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.80% | 44.81%      |

## Arizona Community Health Analysis Area 43

### Yavapai-FT McDowell

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 825      |
|                                   | 0-18               | 360      |
|                                   | 19-64              | 431      |
|                                   | 65+                | 34       |
| Race                              |                    |          |
|                                   | White non-Hispanic | 14       |
|                                   | Black              | 4        |
|                                   | Native American    | 761      |
|                                   | Hispanic           | 30       |
|                                   | Other              | 16       |
| Gender                            |                    |          |
|                                   | Male               | 419      |
|                                   | Female             | 406      |
| Percent of Families below poverty |                    | 14.0%    |
| Average Family Income             |                    | \$96,328 |
| Average Family Size               |                    | 3.8      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 8.55   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.38% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.41% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.99% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 18.57% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.14% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 31.93% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 45.54% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.37% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 52.07% | 44.81%      |



## Arizona Community Health Analysis Area 44 Deer Valley

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 154794   |
|                                   | 0-18               | 45333    |
|                                   | 19-64              | 98629    |
|                                   | 65+                | 10832    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 120855   |
|                                   | Black              | 3962     |
|                                   | Native American    | 1994     |
|                                   | Hispanic           | 21127    |
|                                   | Other              | 6856     |
| Gender                            |                    |          |
|                                   | Male               | 77567    |
|                                   | Female             | 77227    |
| Percent of Families below poverty |                    | 4.4%     |
| Average Family Income             |                    | \$73,924 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 27.13  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.18   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.95   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.16% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.94% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.54% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.63% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.07% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.80% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.10   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.84   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.49% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.73% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.96% | 44.81%      |

## Arizona Community Health Analysis Area 45 Glendale N

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 94439    |
|                                   | 0-18               | 28425    |
|                                   | 19-64              | 59531    |
|                                   | 65+                | 6483     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 73270    |
|                                   | Black              | 2641     |
|                                   | Native American    | 815      |
|                                   | Hispanic           | 11052    |
|                                   | Other              | 6661     |
| Gender                            |                    |          |
|                                   | Male               | 47054    |
|                                   | Female             | 47385    |
| Percent of Families below poverty |                    | 3.7%     |
| Average Family Income             |                    | \$88,950 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 16.30  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.96   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.92   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.56% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.65% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.74% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.06% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.94% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.41% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 4.17   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 5.08   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.55% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.59% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.68% | 44.81%      |

## Arizona Community Health Analysis Area 46 Paradise Valley Village

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 187710   |
|                                   | 0-18               | 50228    |
|                                   | 19-64              | 119289   |
|                                   | 65+                | 18193    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 147295   |
|                                   | Black              | 3139     |
|                                   | Native American    | 1696     |
|                                   | Hispanic           | 27242    |
|                                   | Other              | 8338     |
| Gender                            |                    |          |
|                                   | Male               | 92825    |
|                                   | Female             | 94885    |
| Percent of Families below poverty |                    | 4.3%     |
| Average Family Income             |                    | \$92,161 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 17.83  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.12   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.15   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.52% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.27% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.20% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.13% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.7   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.5   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.19% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.71   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.48   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 53.29% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.08% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.60% | 44.81%      |

## Arizona Community Health Analysis Area 47 Surprise

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 73009    |
|                                   | 0-18               | 18427    |
|                                   | 19-64              | 39560    |
|                                   | 65+                | 15022    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 44798    |
|                                   | Black              | 2394     |
|                                   | Native American    | 481      |
|                                   | Hispanic           | 23232    |
|                                   | Other              | 2104     |
| Gender                            |                    |          |
|                                   | Male               | 36125    |
|                                   | Female             | 36884    |
| Percent of Families below poverty |                    | 6.8%     |
| Average Family Income             |                    | \$63,632 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 47.77  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 8.34   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.31   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.14% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.23% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.99% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.07% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.49% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.41% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.55   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.63% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.01% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.80% | 44.81%      |

## Arizona Community Health Analysis Area 48

### Sun City West

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 19081    |
|                                   | 0-18               | 23       |
|                                   | 19-64              | 2483     |
|                                   | 65+                | 16575    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 18705    |
|                                   | Black              | 101      |
|                                   | Native American    | 6        |
|                                   | Hispanic           | 142      |
|                                   | Other              | 127      |
| Gender                            |                    |          |
|                                   | Male               | 8498     |
|                                   | Female             | 10583    |
| Percent of Families below poverty |                    | 0.8%     |
| Average Family Income             |                    | \$64,594 |
| Average Family Size               |                    | 2.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 40.00  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.18% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.28% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.99% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.15% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.64% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.59% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.70% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.01% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.85% | 44.81%      |

## Arizona Community Health Analysis Area 49 Sun City

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 40006    |
|                                   | 0-18               | 768      |
|                                   | 19-64              | 8320     |
|                                   | 65+                | 30918    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 38410    |
|                                   | Black              | 310      |
|                                   | Native American    | 70       |
|                                   | Hispanic           | 768      |
|                                   | Other              | 448      |
| Gender                            |                    |          |
|                                   | Male               | 16521    |
|                                   | Female             | 23485    |
| Percent of Families below poverty |                    | 2.4%     |
| Average Family Income             |                    | \$53,235 |
| Average Family Size               |                    | 2.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 52.55  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 12.01  | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.37% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.39% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.10% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.35% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.83% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.76% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 5.78   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 11.56  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.62% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.02% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.94% | 44.81%      |

## Arizona Community Health Analysis Area 50 Fountain Hills

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 22900    |
|                                   | 0-18               | 4467     |
|                                   | 19-64              | 14155    |
|                                   | 65+                | 4278     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 21315    |
|                                   | Black              | 152      |
|                                   | Native American    | 134      |
|                                   | Hispanic           | 793      |
|                                   | Other              | 506      |
| Gender                            |                    |          |
|                                   | Male               | 11079    |
|                                   | Female             | 11821    |
| Percent of Families below poverty |                    | 2.2%     |
| Average Family Income             |                    | \$96,893 |
| Average Family Size               |                    | 2.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 17.87  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.67   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.93   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.28% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.31% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.96% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.16% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.70% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.72% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.82   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.45   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.78% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.89% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.85% | 44.81%      |

# Arizona Community Health Analysis Area 51

## Maricopa Co. W

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 30843    |
|                                   | 0-18               | 9988     |
|                                   | 19-64              | 18477    |
|                                   | 65+                | 2378     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 17678    |
|                                   | Black              | 775      |
|                                   | Native American    | 1064     |
|                                   | Hispanic           | 10724    |
|                                   | Other              | 602      |
| Gender                            |                    |          |
|                                   | Male               | 16863    |
|                                   | Female             | 13980    |
| Percent of Families below poverty |                    | 13.1%    |
| Average Family Income             |                    | \$63,861 |
| Average Family Size               |                    | 3.5      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 28.74  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.58   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.09   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.20% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.70% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.96% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.98% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.46% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.39% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.23   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.12   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.87% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.18% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.92% | 44.81%      |



## Arizona Community Health Analysis Area 52 North Mountain

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 170946   |
|                                   | 0-18               | 45684    |
|                                   | 19-64              | 108945   |
|                                   | 65+                | 16317    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 107813   |
|                                   | Black              | 6624     |
|                                   | Native American    | 4116     |
|                                   | Hispanic           | 42970    |
|                                   | Other              | 9423     |
| Gender                            |                    |          |
|                                   | Male               | 86401    |
|                                   | Female             | 84545    |
| Percent of Families below poverty |                    | 8.3%     |
| Average Family Income             |                    | \$71,974 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.47  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.26   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.52   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.28% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.57% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.93% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.88% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.68% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 34.94% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.26   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.60   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.22% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.75% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.21% | 44.81%      |

## Arizona Community Health Analysis Area 53 Glendale W

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 53365    |
|                                   | 0-18               | 18964    |
|                                   | 19-64              | 32024    |
|                                   | 65+                | 2377     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 23492    |
|                                   | Black              | 4089     |
|                                   | Native American    | 1026     |
|                                   | Hispanic           | 22016    |
|                                   | Other              | 2742     |
| Gender                            |                    |          |
|                                   | Male               | 27351    |
|                                   | Female             | 26014    |
| Percent of Families below poverty |                    | 9.6%     |
| Average Family Income             |                    | \$57,694 |
| Average Family Size               |                    | 3.5      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 40.90  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.37   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.12   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.95% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.35% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.85% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 19.88% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 41.48% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 34.37% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.48   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.91   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.39% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.81% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.81% | 44.81%      |

## Arizona Community Health Analysis Area 54 Glendale Central

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 94943    |
|                                   | 0-18               | 29677    |
|                                   | 19-64              | 55927    |
|                                   | 65+                | 9339     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 43177    |
|                                   | Black              | 5985     |
|                                   | Native American    | 2625     |
|                                   | Hispanic           | 38822    |
|                                   | Other              | 4334     |
| Gender                            |                    |          |
|                                   | Male               | 47209    |
|                                   | Female             | 47734    |
| Percent of Families below poverty |                    | 13.8%    |
| Average Family Income             |                    | \$50,224 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 41.35  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.39   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.22   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.49% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.92% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.34% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.44% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.89% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.54% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.97   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.67   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.96% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.73% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.39% | 44.81%      |

## Arizona Community Health Analysis Area 55 Paradise Valley

|                                   |                    |           |
|-----------------------------------|--------------------|-----------|
| <i>Demographics</i>               |                    |           |
| Population                        | Total              | 14506     |
|                                   | 0-18               | 3711      |
|                                   | 19-64              | 8408      |
|                                   | 65+                | 2387      |
| Race                              |                    |           |
|                                   | White non-Hispanic | 13402     |
|                                   | Black              | 123       |
|                                   | Native American    | 22        |
|                                   | Hispanic           | 459       |
|                                   | Other              | 500       |
| Gender                            |                    |           |
|                                   | Male               | 7209      |
|                                   | Female             | 7297      |
| Percent of Families below poverty |                    | 1.9%      |
| Average Family Income             |                    | \$237,463 |
| Average Family Size               |                    | 3.0       |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 2.93   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.29   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 13.07% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 43.75% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 19.14% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.35% | 44.55%      |
| 9. Average age of first use for Tobacco  | 13.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.1   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.68% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 13.72  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.66   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 62.93% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 39.70% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 37.65% | 44.81%      |

## Arizona Community Health Analysis Area 56 Camelback East

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 143470   |
|                                   | 0-18               | 35465    |
|                                   | 19-64              | 90849    |
|                                   | 65+                | 17156    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 76262    |
|                                   | Black              | 6001     |
|                                   | Native American    | 5136     |
|                                   | Hispanic           | 50489    |
|                                   | Other              | 5582     |
| Gender                            |                    |          |
|                                   | Male               | 72544    |
|                                   | Female             | 70926    |
| Percent of Families below poverty |                    | 10.7%    |
| Average Family Income             |                    | \$80,449 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.66  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.37   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.07   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.31% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.57% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.64% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.84% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.40% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.42% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.67   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.43   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 52.62% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.53% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.30% | 44.81%      |

## Arizona Community Health Analysis Area 57 Salt River

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 6551     |
|                                   | 0-18               | 2528     |
|                                   | 19-64              | 3255     |
|                                   | 65+                | 768      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 1472     |
|                                   | Black              | 42       |
|                                   | Native American    | 2963     |
|                                   | Hispanic           | 777      |
|                                   | Other              | 1297     |
| Gender                            |                    |          |
|                                   | Male               | 3107     |
|                                   | Female             | 3444     |
| Percent of Families below poverty |                    | 24.8%    |
| Average Family Income             |                    | \$55,857 |
| Average Family Size               |                    | 3.9      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 21.96  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.16   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.40% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.35% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.09% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.46% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.12% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.14% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 6.70   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 15.08  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.40% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.92% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.30% | 44.81%      |

## Arizona Community Health Analysis Area 58 Scottsdale S

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 92049    |
|                                   | 0-18               | 15963    |
|                                   | 19-64              | 56946    |
|                                   | 65+                | 19140    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 73331    |
|                                   | Black              | 1527     |
|                                   | Native American    | 1183     |
|                                   | Hispanic           | 12808    |
|                                   | Other              | 3200     |
| Gender                            |                    |          |
|                                   | Male               | 44378    |
|                                   | Female             | 47671    |
| Percent of Families below poverty |                    | 5.0%     |
| Average Family Income             |                    | \$76,912 |
| Average Family Size               |                    | 2.7      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 26.30  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.24   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.14   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.99% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.87% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.38% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 50.13% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.5   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 42.51% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 7.51   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.45   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 53.12% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.38% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.78% | 44.81%      |

## Arizona Community Health Analysis Area 59 Alhambra

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 139432   |
|                                   | 0-18               | 42684    |
|                                   | 19-64              | 82697    |
|                                   | 65+                | 14051    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 57103    |
|                                   | Black              | 8095     |
|                                   | Native American    | 6386     |
|                                   | Hispanic           | 59569    |
|                                   | Other              | 8279     |
| Gender                            |                    |          |
|                                   | Male               | 70494    |
|                                   | Female             | 68938    |
| Percent of Families below poverty |                    | 15.5%    |
| Average Family Income             |                    | \$60,178 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 39.26  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.13   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.29   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 15.02% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.02% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.85% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.00% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.70% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.17% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.61   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.73   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.12% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.58% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.91% | 44.81%      |



# Arizona Community Health Analysis Area 60

## Maryvale

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 199667   |
|                                   | 0-18               | 75999    |
|                                   | 19-64              | 112769   |
|                                   | 65+                | 10899    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 39938    |
|                                   | Black              | 12316    |
|                                   | Native American    | 3794     |
|                                   | Hispanic           | 137947   |
|                                   | Other              | 5672     |
| Gender                            |                    |          |
|                                   | Male               | 101121   |
|                                   | Female             | 98546    |
| Percent of Families below poverty |                    | 14.8%    |
| Average Family Income             |                    | \$47,723 |
| Average Family Size               |                    | 3.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 26.57  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.86   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.21   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 13.95% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.06% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.17% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.32% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.60% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.15% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.71   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.62   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 44.64% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 48.12% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 50.68% | 44.81%      |

# Arizona Community Health Analysis Area 61

## Goodyear

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 40163    |
|                                   | 0-18               | 10087    |
|                                   | 19-64              | 26003    |
|                                   | 65+                | 4073     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 28054    |
|                                   | Black              | 1697     |
|                                   | Native American    | 397      |
|                                   | Hispanic           | 8560     |
|                                   | Other              | 1455     |
| Gender                            |                    |          |
|                                   | Male               | 20457    |
|                                   | Female             | 19706    |
| Percent of Families below poverty |                    | 4.7%     |
| Average Family Income             |                    | \$84,337 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 36.96  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.90   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.18   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.14% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.22% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.02% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.28% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.51% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.54% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.04   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.23   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.34% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.95% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.15% | 44.81%      |

## Arizona Community Health Analysis Area 62 Avondale

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 69484    |
|                                   | 0-18               | 24119    |
|                                   | 19-64              | 41059    |
|                                   | 65+                | 4306     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 29210    |
|                                   | Black              | 3566     |
|                                   | Native American    | 918      |
|                                   | Hispanic           | 32657    |
|                                   | Other              | 3133     |
| Gender                            |                    |          |
|                                   | Male               | 35161    |
|                                   | Female             | 34323    |
| Percent of Families below poverty |                    | 9.8%     |
| Average Family Income             |                    | \$72,342 |
| Average Family Size               |                    | 3.6      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 30.90  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.81   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.91   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.46% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 37.62% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.12% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 16.51% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 39.35% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 32.63% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.87   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 4.34   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.74% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.65% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.59% | 44.81%      |

## Arizona Community Health Analysis Area 63 Encanto

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 63400    |
|                                   | 0-18               | 17425    |
|                                   | 19-64              | 40406    |
|                                   | 65+                | 5569     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 21926    |
|                                   | Black              | 3041     |
|                                   | Native American    | 2437     |
|                                   | Hispanic           | 33912    |
|                                   | Other              | 2084     |
| Gender                            |                    |          |
|                                   | Male               | 33503    |
|                                   | Female             | 29897    |
| Percent of Families below poverty |                    | 18.2%    |
| Average Family Income             |                    | \$53,034 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 38.38  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 8.81   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.81   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 15.88% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.26% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.97% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.14% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.1   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.22% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.32   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.44   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.34% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.09% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.64% | 44.81%      |

## Arizona Community Health Analysis Area 64 Mesa N

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 75883    |
|                                   | 0-18               | 23052    |
|                                   | 19-64              | 43685    |
|                                   | 65+                | 9146     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 60865    |
|                                   | Black              | 1332     |
|                                   | Native American    | 1078     |
|                                   | Hispanic           | 10208    |
|                                   | Other              | 2400     |
| Gender                            |                    |          |
|                                   | Male               | 37540    |
|                                   | Female             | 38343    |
| Percent of Families below poverty |                    | 3.4%     |
| Average Family Income             |                    | \$88,049 |
| Average Family Size               |                    | 3.2      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 18.62  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.19   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.98   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.54% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.26% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.09% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.87% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.26% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.05% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.29   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.38   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.69% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.21% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.05% | 44.81%      |

## Arizona Community Health Analysis Area 65 Mesa E

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 114131   |
|                                   | 0-18               | 30769    |
|                                   | 19-64              | 60993    |
|                                   | 65+                | 22369    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 91882    |
|                                   | Black              | 2089     |
|                                   | Native American    | 1111     |
|                                   | Hispanic           | 15538    |
|                                   | Other              | 3511     |
| Gender                            |                    |          |
|                                   | Male               | 55842    |
|                                   | Female             | 58289    |
| Percent of Families below poverty |                    | 4.9%     |
| Average Family Income             |                    | \$69,582 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.52  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.64   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.08   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.60% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.63% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.82% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.27% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.92% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.87% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 5.52   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 9.35   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.07% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 47.69% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 42.93% | 44.81%      |

## Arizona Community Health Analysis Area 66 Estrella

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 49149    |
|                                   | 0-18               | 17024    |
|                                   | 19-64              | 29649    |
|                                   | 65+                | 2476     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 8676     |
|                                   | Black              | 1774     |
|                                   | Native American    | 1110     |
|                                   | Hispanic           | 36974    |
|                                   | Other              | 615      |
| Gender                            |                    |          |
|                                   | Male               | 27898    |
|                                   | Female             | 21251    |
| Percent of Families below poverty |                    | 27.7%    |
| Average Family Income             |                    | \$38,868 |
| Average Family Size               |                    | 4.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.32  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.90   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.22   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.90% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.28% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.10% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.62% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.23% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.98% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.42   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.17   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.77% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.79% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.92% | 44.81%      |

## Arizona Community Health Analysis Area 67 Central City

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 68333    |
|                                   | 0-18               | 23958    |
|                                   | 19-64              | 40107    |
|                                   | 65+                | 4268     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 9459     |
|                                   | Black              | 4304     |
|                                   | Native American    | 2227     |
|                                   | Hispanic           | 51265    |
|                                   | Other              | 1078     |
| Gender                            |                    |          |
|                                   | Male               | 38020    |
|                                   | Female             | 30313    |
| Percent of Families below poverty |                    | 38.9%    |
| Average Family Income             |                    | \$31,273 |
| Average Family Size               |                    | 4.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 40.33  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.81   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.34   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.45% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.49% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.34% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.17% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.73% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.79% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.50   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 4.12   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.94% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.34% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.11% | 44.81%      |



## Arizona Community Health Analysis Area 68 Tempe N

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 80964    |
|                                   | 0-18               | 16424    |
|                                   | 19-64              | 59106    |
|                                   | 65+                | 5434     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 47106    |
|                                   | Black              | 2664     |
|                                   | Native American    | 2634     |
|                                   | Hispanic           | 21779    |
|                                   | Other              | 6781     |
| Gender                            |                    |          |
|                                   | Male               | 42903    |
|                                   | Female             | 38061    |
| Percent of Families below poverty |                    | 11.3%    |
| Average Family Income             |                    | \$60,630 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 39.92  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.57   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.53   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.87% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.64% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.42% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.41% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.98% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.91% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.33   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.57   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.14% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.58% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.91% | 44.81%      |

## Arizona Community Health Analysis Area 69 Mesa W

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 99359    |
|                                   | 0-18               | 27043    |
|                                   | 19-64              | 65504    |
|                                   | 65+                | 6812     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 55282    |
|                                   | Black              | 4657     |
|                                   | Native American    | 4289     |
|                                   | Hispanic           | 29501    |
|                                   | Other              | 5630     |
| Gender                            |                    |          |
|                                   | Male               | 50416    |
|                                   | Female             | 48943    |
| Percent of Families below poverty |                    | 7.2%     |
| Average Family Income             |                    | \$60,856 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 39.14  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.75   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.74   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.99% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.17% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.49% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.27% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 49.21% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.38% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.87   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.19   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.17% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 48.94% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.09% | 44.81%      |

## Arizona Community Health Analysis Area 70 Mesa Central

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 102595   |
|                                   | 0-18               | 26348    |
|                                   | 19-64              | 52928    |
|                                   | 65+                | 23319    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 72816    |
|                                   | Black              | 2418     |
|                                   | Native American    | 1628     |
|                                   | Hispanic           | 22936    |
|                                   | Other              | 2797     |
| Gender                            |                    |          |
|                                   | Male               | 49491    |
|                                   | Female             | 53104    |
| Percent of Families below poverty |                    | 8.2%     |
| Average Family Income             |                    | \$60,238 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 32.26  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.52   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.75   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.88% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.62% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.27% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.78% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.36% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.54% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.54   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.85   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.85% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.00% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.92% | 44.81%      |

## Arizona Community Health Analysis Area 71 South Mountain

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 105104   |
|                                   | 0-18               | 38182    |
|                                   | 19-64              | 59623    |
|                                   | 65+                | 7299     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 13318    |
|                                   | Black              | 15960    |
|                                   | Native American    | 4798     |
|                                   | Hispanic           | 68792    |
|                                   | Other              | 2236     |
| Gender                            |                    |          |
|                                   | Male               | 53501    |
|                                   | Female             | 51603    |
| Percent of Families below poverty |                    | 21.9%    |
| Average Family Income             |                    | \$47,323 |
| Average Family Size               |                    | 4.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.32  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.64   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.09   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.19% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.64% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.14% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.57% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.74% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.49% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.53   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.51   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.25% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.74% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.33% | 44.81%      |

## Arizona Community Health Analysis Area 72 Laveen

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 9579     |
|                                   | 0-18               | 3187     |
|                                   | 19-64              | 5631     |
|                                   | 65+                | 761      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 3295     |
|                                   | Black              | 354      |
|                                   | Native American    | 242      |
|                                   | Hispanic           | 5483     |
|                                   | Other              | 205      |
| Gender                            |                    |          |
|                                   | Male               | 4869     |
|                                   | Female             | 4710     |
| Percent of Families below poverty |                    | 15.4%    |
| Average Family Income             |                    | \$70,223 |
| Average Family Size               |                    | 3.9      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 38.45  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.54   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.84   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.67% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.61% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.55% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.32% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.17% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.44% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.36   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 7.84   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 46.98% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.16% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 49.31% | 44.81%      |

## Arizona Community Health Analysis Area 73 Mesa S

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 90431    |
|                                   | 0-18               | 28793    |
|                                   | 19-64              | 49612    |
|                                   | 65+                | 12026    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 53821    |
|                                   | Black              | 2112     |
|                                   | Native American    | 1534     |
|                                   | Hispanic           | 29917    |
|                                   | Other              | 3047     |
| Gender                            |                    |          |
|                                   | Male               | 45246    |
|                                   | Female             | 45185    |
| Percent of Families below poverty |                    | 7.5%     |
| Average Family Income             |                    | \$62,634 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 25.98  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.32   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.20   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 20.07% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.79% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.52% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.94% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.34% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.98% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.72   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.44   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.11% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 47.10% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.56% | 44.81%      |

## Arizona Community Health Analysis Area 74 Tempe S

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 78909    |
|                                   | 0-18               | 19066    |
|                                   | 19-64              | 53549    |
|                                   | 65+                | 6294     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 55305    |
|                                   | Black              | 3628     |
|                                   | Native American    | 1526     |
|                                   | Hispanic           | 12485    |
|                                   | Other              | 5965     |
| Gender                            |                    |          |
|                                   | Male               | 39673    |
|                                   | Female             | 39236    |
| Percent of Families below poverty |                    | 4.5%     |
| Average Family Income             |                    | \$90,626 |
| Average Family Size               |                    | 3.1      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 22.86  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.27   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.91   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.80% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.56% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.24% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.41% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.57% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.68% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.45   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.63   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.88% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.54% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.92% | 44.81%      |

## Arizona Community Health Analysis Area 75 Gila River

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 11152    |
|                                   | 0-18               | 4888     |
|                                   | 19-64              | 5501     |
|                                   | 65+                | 763      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 422      |
|                                   | Black              | 28       |
|                                   | Native American    | 10203    |
|                                   | Hispanic           | 272      |
|                                   | Other              | 227      |
| Gender                            |                    |          |
|                                   | Male               | 5250     |
|                                   | Female             | 5902     |
| Percent of Families below poverty |                    | 46.9%    |
| Average Family Income             |                    | \$30,533 |
| Average Family Size               |                    | 4.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 7.70   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.42   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.42   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.34% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.72% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.74% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.85% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.53% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.46% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.20   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 4.80   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.46% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.43% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.27% | 44.81%      |



## Arizona Community Health Analysis Area 76 Gilbert W

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 74614    |
|                                   | 0-18               | 25143    |
|                                   | 19-64              | 46167    |
|                                   | 65+                | 3304     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 54622    |
|                                   | Black              | 2235     |
|                                   | Native American    | 609      |
|                                   | Hispanic           | 10944    |
|                                   | Other              | 6204     |
| Gender                            |                    |          |
|                                   | Male               | 37201    |
|                                   | Female             | 37413    |
| Percent of Families below poverty |                    | 2.7%     |
| Average Family Income             |                    | \$94,060 |
| Average Family Size               |                    | 3.4      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 12.46  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.17   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.85   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.23% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 33.70% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 21.31% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 19.25% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 37.66% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.5   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 30.59% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 5.34   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 7.07   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 55.48% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.67% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 38.32% | 44.81%      |

## Arizona Community Health Analysis Area 77 Gilbert E

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 94872    |
|                                   | 0-18               | 34606    |
|                                   | 19-64              | 56130    |
|                                   | 65+                | 4136     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 75499    |
|                                   | Black              | 2241     |
|                                   | Native American    | 683      |
|                                   | Hispanic           | 11573    |
|                                   | Other              | 4876     |
| Gender                            |                    |          |
|                                   | Male               | 47603    |
|                                   | Female             | 47269    |
| Percent of Families below poverty |                    | 2.3%     |
| Average Family Income             |                    | \$98,054 |
| Average Family Size               |                    | 3.5      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 13.91  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.89   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.79   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.04% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 32.39% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 18.52% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 17.59% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 37.77% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.4   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 31.09% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 7.32   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 8.98   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 57.35% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.16% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 38.29% | 44.81%      |

## Arizona Community Health Analysis Area 78 Ahwatukee Foothills

|                                   |                    |           |
|-----------------------------------|--------------------|-----------|
| <i>Demographics</i>               |                    |           |
| Population                        | Total              | 85434     |
|                                   | 0-18               | 24794     |
|                                   | 19-64              | 55297     |
|                                   | 65+                | 5343      |
| Race                              |                    |           |
|                                   | White non-Hispanic | 65802     |
|                                   | Black              | 3538      |
|                                   | Native American    | 811       |
|                                   | Hispanic           | 8596      |
|                                   | Other              | 6687      |
| Gender                            |                    |           |
|                                   | Male               | 42724     |
|                                   | Female             | 42710     |
| Percent of Families below poverty |                    | 2.1%      |
| Average Family Income             |                    | \$112,167 |
| Average Family Size               |                    | 3.1       |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 10.80  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.57   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.52   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.18% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.28% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.00% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.15% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.64% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.60% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.08   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.54   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.70% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.01% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.86% | 44.81%      |

## Arizona Community Health Analysis Area 79 Chandler NW

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 94623    |
|                                   | 0-18               | 28864    |
|                                   | 19-64              | 60637    |
|                                   | 65+                | 5122     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 65907    |
|                                   | Black              | 3920     |
|                                   | Native American    | 1299     |
|                                   | Hispanic           | 14568    |
|                                   | Other              | 8929     |
| Gender                            |                    |          |
|                                   | Male               | 47143    |
|                                   | Female             | 47480    |
| Percent of Families below poverty |                    | 3.2%     |
| Average Family Income             |                    | \$88,288 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 11.76  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.11   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.25   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.19% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.50% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.18% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.05% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.32% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.31   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.31   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 52.28% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.63% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.93% | 44.81%      |

## Arizona Community Health Analysis Area 80 Chandler SE

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 140707   |
|                                   | 0-18               | 40212    |
|                                   | 19-64              | 83531    |
|                                   | 65+                | 16964    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 89788    |
|                                   | Black              | 4615     |
|                                   | Native American    | 1790     |
|                                   | Hispanic           | 36871    |
|                                   | Other              | 7643     |
| Gender                            |                    |          |
|                                   | Male               | 70139    |
|                                   | Female             | 70568    |
| Percent of Families below poverty |                    | 5.3%     |
| Average Family Income             |                    | \$81,854 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 19.89  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.11   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.85   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.21% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.99% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.15% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.97% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.46% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.73% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.94   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.32   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.62% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.98% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.33% | 44.81%      |

# Arizona Community Health Analysis Area 81

## Queen Creek

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 9188     |
|                                   | 0-18               | 3454     |
|                                   | 19-64              | 5276     |
|                                   | 65+                | 458      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 6187     |
|                                   | Black              | 47       |
|                                   | Native American    | 64       |
|                                   | Hispanic           | 2707     |
|                                   | Other              | 183      |
| Gender                            |                    |          |
|                                   | Male               | 4712     |
|                                   | Female             | 4476     |
| Percent of Families below poverty |                    | 5.7%     |
| Average Family Income             |                    | \$86,627 |
| Average Family Size               |                    | 3.8      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 23.55  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.84   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.84   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.65% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.26% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 20.62% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 25.23% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.87% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.57% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.53   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.35   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.61% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.75% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.63% | 44.81%      |

## Arizona Community Health Analysis Area 82 Tohono O'Odham Nation

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 8203     |
|                                   | 0-18               | 3299     |
|                                   | 19-64              | 4330     |
|                                   | 65+                | 574      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 97       |
|                                   | Black              | 4        |
|                                   | Native American    | 7957     |
|                                   | Hispanic           | 78       |
|                                   | Other              | 67       |
| Gender                            |                    |          |
|                                   | Male               | 3947     |
|                                   | Female             | 4256     |
| Percent of Families below poverty |                    | 45.9%    |
| Average Family Income             |                    | \$31,120 |
| Average Family Size               |                    | 4.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 15.41  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.16   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.47   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.79% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.74% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.26% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 25.92% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.14% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.71% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 76.04  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 108.29 | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.64% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.64% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.23% | 44.81%      |

## Arizona Community Health Analysis Area 83 Duncan/Morenci

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 7888     |
|                                   | 0-18               | 2648     |
|                                   | 19-64              | 4409     |
|                                   | 65+                | 831      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 3938     |
|                                   | Black              | 49       |
|                                   | Native American    | 165      |
|                                   | Hispanic           | 3648     |
|                                   | Other              | 88       |
| Gender                            |                    |          |
|                                   | Male               | 4124     |
|                                   | Female             | 3764     |
| Percent of Families below poverty |                    | 8.0%     |
| Average Family Income             |                    | \$54,530 |
| Average Family Size               |                    | 3.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 18.81  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.58   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.21   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 29.60% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.06% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.65% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.08% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.59% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.6   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 39.33% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 53.10% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.47% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 40.36% | 44.81%      |



## Arizona Community Health Analysis Area 84 Graham Co. S

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 28722    |
|                                   | 0-18               | 8110     |
|                                   | 19-64              | 16827    |
|                                   | 65+                | 3785     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 17870    |
|                                   | Black              | 636      |
|                                   | Native American    | 787      |
|                                   | Hispanic           | 9009     |
|                                   | Other              | 420      |
| Gender                            |                    |          |
|                                   | Male               | 15596    |
|                                   | Female             | 13126    |
| Percent of Families below poverty |                    | 14.0%    |
| Average Family Income             |                    | \$47,219 |
| Average Family Size               |                    | 3.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 27.09  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.52   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.51   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.66% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.80% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.31% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 26.48% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.46% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.8   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.7   | 12.8        |
| 11. Average age of first use for Marijuana   | 14.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 15.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.70% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 6.35   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 8.89   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 56.03% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 49.82% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.75% | 44.81%      |

## Arizona Community Health Analysis Area 85 Wellton/Dateland

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 6990     |
|                                   | 0-18               | 2190     |
|                                   | 19-64              | 3598     |
|                                   | 65+                | 1202     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 3774     |
|                                   | Black              | 81       |
|                                   | Native American    | 95       |
|                                   | Hispanic           | 2919     |
|                                   | Other              | 121      |
| Gender                            |                    |          |
|                                   | Male               | 3654     |
|                                   | Female             | 3336     |
| Percent of Families below poverty |                    | 15.0%    |
| Average Family Income             |                    | \$47,736 |
| Average Family Size               |                    | 3.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 16.69  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.43   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.43   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.38% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.41% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.35% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 18.57% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.15% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 31.94% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 26.76  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 26.76  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 45.56% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.38% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 52.04% | 44.81%      |

# Arizona Community Health Analysis Area 86

## Yuma E

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 37969    |
|                                   | 0-18               | 7020     |
|                                   | 19-64              | 17038    |
|                                   | 65+                | 13911    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 27813    |
|                                   | Black              | 264      |
|                                   | Native American    | 367      |
|                                   | Hispanic           | 8894     |
|                                   | Other              | 631      |
| Gender                            |                    |          |
|                                   | Male               | 18969    |
|                                   | Female             | 19000    |
| Percent of Families below poverty |                    | 7.9%     |
| Average Family Income             |                    | \$53,417 |
| Average Family Size               |                    | 2.6      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 23.34  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.54   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.89   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.39% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.41% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.37% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 18.56% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.14% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 31.92% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 6.28   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.85   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 45.53% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.37% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 52.09% | 44.81%      |

## Arizona Community Health Analysis Area 87 Yuma NW

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 30133    |
|                                   | 0-18               | 10511    |
|                                   | 19-64              | 15518    |
|                                   | 65+                | 4104     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 7226     |
|                                   | Black              | 484      |
|                                   | Native American    | 613      |
|                                   | Hispanic           | 21427    |
|                                   | Other              | 383      |
| Gender                            |                    |          |
|                                   | Male               | 14974    |
|                                   | Female             | 15159    |
| Percent of Families below poverty |                    | 24.7%    |
| Average Family Income             |                    | \$38,864 |
| Average Family Size               |                    | 3.6      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 23.68  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.04   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.41   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.12% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.44% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.27% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.82% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.70% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.89% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.12   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.12   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 41.84% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.07% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 54.59% | 44.81%      |

# Arizona Community Health Analysis Area 88

## Yuma S

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 63270    |
|                                   | 0-18               | 19878    |
|                                   | 19-64              | 34888    |
|                                   | 65+                | 8504     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 28727    |
|                                   | Black              | 1646     |
|                                   | Native American    | 1046     |
|                                   | Hispanic           | 29639    |
|                                   | Other              | 2212     |
| Gender                            |                    |          |
|                                   | Male               | 31451    |
|                                   | Female             | 31819    |
| Percent of Families below poverty |                    | 10.4%    |
| Average Family Income             |                    | \$58,713 |
| Average Family Size               |                    | 3.3      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 22.31  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.82   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.76   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.41% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.95% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.28% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.29% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.09% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 34.97% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.78   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.78   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 42.72% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.13% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 54.00% | 44.81%      |

## Arizona Community Health Analysis Area 89 Cocopah

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 400      |
|                                   | 0-18               | 160      |
|                                   | 19-64              | 217      |
|                                   | 65+                | 23       |
| Race                              |                    |          |
|                                   | White non-Hispanic | 2        |
|                                   | Black              | 0        |
|                                   | Native American    | 390      |
|                                   | Hispanic           | 6        |
|                                   | Other              | 2        |
| Gender                            |                    |          |
|                                   | Male               | 180      |
|                                   | Female             | 220      |
| Percent of Families below poverty |                    | 42.6%    |
| Average Family Income             |                    | \$17,670 |
| Average Family Size               |                    | 3.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 32.26  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 5.38   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.89% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.84% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.33% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 18.86% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 42.87% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.4   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 32.28% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 43.90% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.20% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 53.56% | 44.81%      |

## Arizona Community Health Analysis Area 90 Somerton

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 22593    |
|                                   | 0-18               | 7990     |
|                                   | 19-64              | 12886    |
|                                   | 65+                | 1717     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 2942     |
|                                   | Black              | 547      |
|                                   | Native American    | 441      |
|                                   | Hispanic           | 18537    |
|                                   | Other              | 126      |
| Gender                            |                    |          |
|                                   | Male               | 12355    |
|                                   | Female             | 10238    |
| Percent of Families below poverty |                    | 26.2%    |
| Average Family Income             |                    | \$38,645 |
| Average Family Size               |                    | 4.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 12.11  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.75   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.50   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.13% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.54% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 19.01% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.23% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.6   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 32.46% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.29   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.76   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 43.11% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.61% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 54.28% | 44.81%      |

# Arizona Community Health Analysis Area 91

## San Luis

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 12804    |
|                                   | 0-18               | 5527     |
|                                   | 19-64              | 6590     |
|                                   | 65+                | 687      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 142      |
|                                   | Black              | 19       |
|                                   | Native American    | 130      |
|                                   | Hispanic           | 12475    |
|                                   | Other              | 38       |
| Gender                            |                    |          |
|                                   | Male               | 6188     |
|                                   | Female             | 6616     |
| Percent of Families below poverty |                    | 35.1%    |
| Average Family Income             |                    | \$33,171 |
| Average Family Size               |                    | 4.4      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 1.73   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.49   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.51% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.62% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 28.54% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 19.24% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.78% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.6   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 32.73% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 41.87% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.24% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 55.40% | 44.81%      |



## Arizona Community Health Analysis Area 92

### Apache Junction

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 50569    |
|                                   | 0-18               | 10199    |
|                                   | 19-64              | 27291    |
|                                   | 65+                | 13079    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 44771    |
|                                   | Black              | 332      |
|                                   | Native American    | 527      |
|                                   | Hispanic           | 3978     |
|                                   | Other              | 961      |
| Gender                            |                    |          |
|                                   | Male               | 24679    |
|                                   | Female             | 25890    |
| Percent of Families below poverty |                    | 6.9%     |
| Average Family Income             |                    | \$58,909 |
| Average Family Size               |                    | 2.7      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 44.95  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.80   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.56   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 21.51% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.61% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.97% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.19% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.45% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.35% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.22   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 4.07   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.36% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 50.35% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.85% | 44.81%      |

## Arizona Community Health Analysis Area 93 Superior/Kearny

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 20164    |
|                                   | 0-18               | 5969     |
|                                   | 19-64              | 11456    |
|                                   | 65+                | 2739     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 12859    |
|                                   | Black              | 143      |
|                                   | Native American    | 287      |
|                                   | Hispanic           | 6559     |
|                                   | Other              | 316      |
| Gender                            |                    |          |
|                                   | Male               | 10251    |
|                                   | Female             | 9913     |
| Percent of Families below poverty |                    | 11.5%    |
| Average Family Income             |                    | \$64,325 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 41.42  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.09   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.13   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.47% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.68% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.40% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.84% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.94% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.74% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.62   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 9.17   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.63% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.95% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.78% | 44.81%      |

## Arizona Community Health Analysis Area 94 San Manuel

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 18144    |
|                                   | 0-18               | 3919     |
|                                   | 19-64              | 9694     |
|                                   | 65+                | 4531     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 11708    |
|                                   | Black              | 53       |
|                                   | Native American    | 249      |
|                                   | Hispanic           | 5868     |
|                                   | Other              | 266      |
| Gender                            |                    |          |
|                                   | Male               | 8913     |
|                                   | Female             | 9231     |
| Percent of Families below poverty |                    | 7.4%     |
| Average Family Income             |                    | \$75,835 |
| Average Family Size               |                    | 2.8      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 26.41  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.62   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.97   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 18.15% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.75% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.77% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.49% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.62% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.20% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 13.61  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 7.26   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.41% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.20% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.45% | 44.81%      |

## Arizona Community Health Analysis Area 95 Florence

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 23252    |
|                                   | 0-18               | 2595     |
|                                   | 19-64              | 18626    |
|                                   | 65+                | 2031     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 11702    |
|                                   | Black              | 2005     |
|                                   | Native American    | 1163     |
|                                   | Hispanic           | 7951     |
|                                   | Other              | 431      |
| Gender                            |                    |          |
|                                   | Male               | 18579    |
|                                   | Female             | 4673     |
| Percent of Families below poverty |                    | 7.6%     |
| Average Family Income             |                    | \$53,219 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 45.63  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.95   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 4.78   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.28% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.95% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.47% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.16% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.05% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.12% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 4.25   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 14.86  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.42% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.90% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.53% | 44.81%      |

## Arizona Community Health Analysis Area 96 Maricopa

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 10544    |
|                                   | 0-18               | 3516     |
|                                   | 19-64              | 6125     |
|                                   | 65+                | 903      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 4944     |
|                                   | Black              | 165      |
|                                   | Native American    | 362      |
|                                   | Hispanic           | 4892     |
|                                   | Other              | 181      |
| Gender                            |                    |          |
|                                   | Male               | 5567     |
|                                   | Female             | 4977     |
| Percent of Families below poverty |                    | 12.2%    |
| Average Family Income             |                    | \$52,544 |
| Average Family Size               |                    | 3.6      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 47.12  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.03   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.82   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.77% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.84% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.74% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 26.32% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.93% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.8   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.5   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.6   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.25% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.09   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 45.49% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 41.87% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 50.52% | 44.81%      |

## Arizona Community Health Analysis Area 97 Ak-Chin

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 1201     |
|                                   | 0-18               | 490      |
|                                   | 19-64              | 660      |
|                                   | 65+                | 51       |
| Race                              |                    |          |
|                                   | White non-Hispanic | 25       |
|                                   | Black              | 3        |
|                                   | Native American    | 1038     |
|                                   | Hispanic           | 117      |
|                                   | Other              | 18       |
| Gender                            |                    |          |
|                                   | Male               | 553      |
|                                   | Female             | 648      |
| Percent of Families below poverty |                    | 25.3%    |
| Average Family Income             |                    | \$42,280 |
| Average Family Size               |                    | 3.8      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 0.00   | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 0.00   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.29% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.00% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.79% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.16% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 39.57% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.04% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 54.27% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.10% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 42.50% | 44.81%      |

## Arizona Community Health Analysis Area 98 Coolidge

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 10887    |
|                                   | 0-18               | 3694     |
|                                   | 19-64              | 5810     |
|                                   | 65+                | 1383     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 4874     |
|                                   | Black              | 986      |
|                                   | Native American    | 574      |
|                                   | Hispanic           | 4245     |
|                                   | Other              | 208      |
| Gender                            |                    |          |
|                                   | Male               | 5321     |
|                                   | Female             | 5566     |
| Percent of Families below poverty |                    | 20.0%    |
| Average Family Income             |                    | \$46,761 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 44.38  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.55   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.62   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 21.96% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.03% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.86% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 25.58% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.09% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.32% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 1.02   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.07   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 44.70% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 47.00% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 47.85% | 44.81%      |

## Arizona Community Health Analysis Area 99 Casa Grande

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 44411    |
|                                   | 0-18               | 14020    |
|                                   | 19-64              | 24315    |
|                                   | 65+                | 6076     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 22828    |
|                                   | Black              | 1660     |
|                                   | Native American    | 2396     |
|                                   | Hispanic           | 16514    |
|                                   | Other              | 1013     |
| Gender                            |                    |          |
|                                   | Male               | 21937    |
|                                   | Female             | 22474    |
| Percent of Families below poverty |                    | 12.2%    |
| Average Family Income             |                    | \$48,860 |
| Average Family Size               |                    | 3.2      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 43.43  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.96   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.71   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.31% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 40.05% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.73% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 26.59% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.14% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.28% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.27   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.06   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.72% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.60% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.37% | 44.81%      |



# Arizona Community Health Analysis Area 100

## Eloy

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 15802    |
|                                   | 0-18               | 4950     |
|                                   | 19-64              | 9326     |
|                                   | 65+                | 1526     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 4757     |
|                                   | Black              | 707      |
|                                   | Native American    | 601      |
|                                   | Hispanic           | 9336     |
|                                   | Other              | 401      |
| Gender                            |                    |          |
|                                   | Male               | 9065     |
|                                   | Female             | 6737     |
| Percent of Families below poverty |                    | 20.0%    |
| Average Family Income             |                    | \$47,463 |
| Average Family Size               |                    | 3.6      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 34.57  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.24   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.46   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 12.52% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 36.18% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.76% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.74% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 49.22% | 44.55%      |
| 9. Average age of first use for Tobacco  | 11.7   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.44% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.76   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 10.68  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.64% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 40.23% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.86% | 44.81%      |

# Arizona Community Health Analysis Area 101

## Ajo

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 3896     |
|                                   | 0-18               | 841      |
|                                   | 19-64              | 1821     |
|                                   | 65+                | 1234     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 2144     |
|                                   | Black              | 10       |
|                                   | Native American    | 283      |
|                                   | Hispanic           | 1375     |
|                                   | Other              | 84       |
| Gender                            |                    |          |
|                                   | Male               | 1873     |
|                                   | Female             | 2023     |
| Percent of Families below poverty |                    | 16.0%    |
| Average Family Income             |                    | \$40,789 |
| Average Family Size               |                    | 2.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 32.46  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 8.74   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 6.24   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.01% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 37.99% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.09% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.18% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.10% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.69% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.93% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.39% | 44.81%      |

# Arizona Community Health Analysis Area 102

## Marana

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 38722    |
|                                   | 0-18               | 11415    |
|                                   | 19-64              | 23711    |
|                                   | 65+                | 3596     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 28051    |
|                                   | Black              | 811      |
|                                   | Native American    | 714      |
|                                   | Hispanic           | 7744     |
|                                   | Other              | 1402     |
| Gender                            |                    |          |
|                                   | Male               | 19412    |
|                                   | Female             | 19310    |
| Percent of Families below poverty |                    | 5.6%     |
| Average Family Income             |                    | \$69,451 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 34.62  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.40   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.67   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.48% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.26% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.80% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 25.23% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 48.92% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.7   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.05% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 23.02  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 11.51  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.87% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.12% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.41% | 44.81%      |

# Arizona Community Health Analysis Area 103

## Tucson NW

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 65214    |
|                                   | 0-18               | 18151    |
|                                   | 19-64              | 37153    |
|                                   | 65+                | 9910     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 52605    |
|                                   | Black              | 903      |
|                                   | Native American    | 457      |
|                                   | Hispanic           | 8880     |
|                                   | Other              | 2369     |
| Gender                            |                    |          |
|                                   | Male               | 31829    |
|                                   | Female             | 33385    |
| Percent of Families below poverty |                    | 2.3%     |
| Average Family Income             |                    | \$86,126 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 11.95  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.44   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.66   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 15.16% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 37.56% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 21.51% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.13% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.92% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.7   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.3   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.7   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.76% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 4.52   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.26   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 57.66% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.79% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.92% | 44.81%      |

# Arizona Community Health Analysis Area 104 Catalina

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 10249    |
|                                   | 0-18               | 2573     |
|                                   | 19-64              | 5939     |
|                                   | 65+                | 1737     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 7539     |
|                                   | Black              | 54       |
|                                   | Native American    | 160      |
|                                   | Hispanic           | 2272     |
|                                   | Other              | 224      |
| Gender                            |                    |          |
|                                   | Male               | 5066     |
|                                   | Female             | 5183     |
| Percent of Families below poverty |                    | 6.7%     |
| Average Family Income             |                    | \$74,218 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 31.72  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.26   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.45   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 12.94% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 36.76% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 21.20% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.05% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 48.14% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.30% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 5.54   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.33   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.42% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.14% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.32% | 44.81%      |

# Arizona Community Health Analysis Area 105

## Tucson NE

|                                   |                    |           |
|-----------------------------------|--------------------|-----------|
| <i>Demographics</i>               |                    |           |
| Population                        | Total              | 128596    |
|                                   | 0-18               | 27970     |
|                                   | 19-64              | 77541     |
|                                   | 65+                | 23085     |
| Race                              |                    |           |
|                                   | White non-Hispanic | 104805    |
|                                   | Black              | 1846      |
|                                   | Native American    | 1067      |
|                                   | Hispanic           | 15069     |
|                                   | Other              | 5809      |
| Gender                            |                    |           |
|                                   | Male               | 61805     |
|                                   | Female             | 66791     |
| Percent of Families below poverty |                    | 3.6%      |
| Average Family Income             |                    | \$104,997 |
| Average Family Size               |                    | 2.8       |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 14.63  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.28   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.64   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 13.36% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 37.22% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 21.89% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.21% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.44% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.6   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.84% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 8.56   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.97   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 52.43% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.39% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 44.76% | 44.81%      |

## Arizona Community Health Analysis Area 106 Tanque Verde

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 140106   |
|                                   | 0-18               | 37525    |
|                                   | 19-64              | 83680    |
|                                   | 65+                | 18901    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 101229   |
|                                   | Black              | 6280     |
|                                   | Native American    | 1386     |
|                                   | Hispanic           | 23937    |
|                                   | Other              | 7274     |
| Gender                            |                    |          |
|                                   | Male               | 68197    |
|                                   | Female             | 71909    |
| Percent of Families below poverty |                    | 3.9%     |
| Average Family Income             |                    | \$68,236 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 25.74  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.27   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.56   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.06% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.66% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.96% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.58% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.76% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.78% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 12.02  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 4.39   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.20% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.43% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.84% | 44.81%      |

# Arizona Community Health Analysis Area 107

## Tucson W

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 48149    |
|                                   | 0-18               | 11716    |
|                                   | 19-64              | 29522    |
|                                   | 65+                | 6911     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 25118    |
|                                   | Black              | 962      |
|                                   | Native American    | 1249     |
|                                   | Hispanic           | 19492    |
|                                   | Other              | 1328     |
| Gender                            |                    |          |
|                                   | Male               | 23456    |
|                                   | Female             | 24693    |
| Percent of Families below poverty |                    | 7.8%     |
| Average Family Income             |                    | \$68,016 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 29.60  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.39   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.27   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 15.30% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.05% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.06% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 25.19% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.20% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.58% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 30.46  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 11.99  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 53.42% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.95% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.25% | 44.81%      |



# Arizona Community Health Analysis Area 108

## Tucson N Central

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 57467    |
|                                   | 0-18               | 13237    |
|                                   | 19-64              | 36966    |
|                                   | 65+                | 7264     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 34846    |
|                                   | Black              | 1517     |
|                                   | Native American    | 1819     |
|                                   | Hispanic           | 16257    |
|                                   | Other              | 3028     |
| Gender                            |                    |          |
|                                   | Male               | 28293    |
|                                   | Female             | 29174    |
| Percent of Families below poverty |                    | 17.2%    |
| Average Family Income             |                    | \$43,470 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 53.33  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 13.82  | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.90   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 12.22% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 37.74% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.39% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.86% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 51.18% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.0   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 38.83% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 4.23   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.51   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 48.58% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 49.07% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.93% | 44.81%      |

# Arizona Community Health Analysis Area 109

## Tucson E Central

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 78223    |
|                                   | 0-18               | 15647    |
|                                   | 19-64              | 50697    |
|                                   | 65+                | 11879    |
| Race                              |                    |          |
|                                   | White non-Hispanic | 52724    |
|                                   | Black              | 2971     |
|                                   | Native American    | 1498     |
|                                   | Hispanic           | 16868    |
|                                   | Other              | 4162     |
| Gender                            |                    |          |
|                                   | Male               | 37506    |
|                                   | Female             | 40717    |
| Percent of Families below poverty |                    | 13.1%    |
| Average Family Income             |                    | \$51,024 |
| Average Family Size               |                    | 2.8      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 53.08  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 13.98  | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.34   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 13.25% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.29% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.73% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.25% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.29% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.21% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 17.11  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 6.27   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.14% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.35% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.60% | 44.81%      |

# Arizona Community Health Analysis Area 110

## Tucson SW

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 82750    |
|                                   | 0-18               | 26258    |
|                                   | 19-64              | 47710    |
|                                   | 65+                | 8782     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 18534    |
|                                   | Black              | 2553     |
|                                   | Native American    | 4350     |
|                                   | Hispanic           | 55667    |
|                                   | Other              | 1646     |
| Gender                            |                    |          |
|                                   | Male               | 39519    |
|                                   | Female             | 43231    |
| Percent of Families below poverty |                    | 14.8%    |
| Average Family Income             |                    | \$46,894 |
| Average Family Size               |                    | 3.5      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 31.98  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.92   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.51   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 13.82% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.81% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.68% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 24.69% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.07% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.48% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 10.21  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.99   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.86% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.73% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.76% | 44.81%      |

# Arizona Community Health Analysis Area 111

## Tucson Central

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 69195    |
|                                   | 0-18               | 18595    |
|                                   | 19-64              | 44765    |
|                                   | 65+                | 5835     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 24570    |
|                                   | Black              | 2993     |
|                                   | Native American    | 2696     |
|                                   | Hispanic           | 34933    |
|                                   | Other              | 4003     |
| Gender                            |                    |          |
|                                   | Male               | 34806    |
|                                   | Female             | 34389    |
| Percent of Families below poverty |                    | 25.0%    |
| Average Family Income             |                    | \$37,521 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 40.55  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 10.40  | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.96   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 12.86% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 36.89% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.60% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.92% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 48.44% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.60% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 10.29  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 3.80   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.13% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.59% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 46.46% | 44.81%      |

# Arizona Community Health Analysis Area 112

## Tucson E

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 58463    |
|                                   | 0-18               | 16156    |
|                                   | 19-64              | 34421    |
|                                   | 65+                | 7886     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 32355    |
|                                   | Black              | 2954     |
|                                   | Native American    | 1092     |
|                                   | Hispanic           | 19057    |
|                                   | Other              | 3005     |
| Gender                            |                    |          |
|                                   | Male               | 28363    |
|                                   | Female             | 30100    |
| Percent of Families below poverty |                    | 12.7%    |
| Average Family Income             |                    | \$53,415 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 38.02  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 6.67   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.86   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 10.30% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.10% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 21.91% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.38% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 47.62% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.72% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 11.26  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 4.16   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 49.26% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 50.90% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.57% | 44.81%      |

# Arizona Community Health Analysis Area 113

## Tucson SE

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 64179    |
|                                   | 0-18               | 24055    |
|                                   | 19-64              | 35455    |
|                                   | 65+                | 4669     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 6965     |
|                                   | Black              | 1362     |
|                                   | Native American    | 2921     |
|                                   | Hispanic           | 52038    |
|                                   | Other              | 893      |
| Gender                            |                    |          |
|                                   | Male               | 31415    |
|                                   | Female             | 32764    |
| Percent of Families below poverty |                    | 26.9%    |
| Average Family Income             |                    | \$35,626 |
| Average Family Size               |                    | 3.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.29  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.99   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 2.48   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 12.62% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.34% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.88% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 25.64% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 44.53% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.3   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 34.97% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.52   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.64   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 47.30% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 45.07% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.42% | 44.81%      |

## Arizona Community Health Analysis Area 114 Continental

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 24482    |
|                                   | 0-18               | 5271     |
|                                   | 19-64              | 15639    |
|                                   | 65+                | 3572     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 13817    |
|                                   | Black              | 814      |
|                                   | Native American    | 709      |
|                                   | Hispanic           | 8683     |
|                                   | Other              | 459      |
| Gender                            |                    |          |
|                                   | Male               | 14078    |
|                                   | Female             | 10404    |
| Percent of Families below poverty |                    | 8.3%     |
| Average Family Income             |                    | \$62,362 |
| Average Family Size               |                    | 3.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 38.98  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.38   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.09   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.33% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 39.19% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 24.43% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.52% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.59% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.65% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 16.52  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 11.90  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.90% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.97% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.83% | 44.81%      |

## Arizona Community Health Analysis Area 115

### San Xavier District

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 2234     |
|                                   | 0-18               | 780      |
|                                   | 19-64              | 1232     |
|                                   | 65+                | 222      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 416      |
|                                   | Black              | 8        |
|                                   | Native American    | 1213     |
|                                   | Hispanic           | 571      |
|                                   | Other              | 26       |
| Gender                            |                    |          |
|                                   | Male               | 1079     |
|                                   | Female             | 1155     |
| Percent of Families below poverty |                    | 17.4%    |
| Average Family Income             |                    | \$60,379 |
| Average Family Size               |                    | 3.7      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 20.83  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.46   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 13.97% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.04% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.89% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.13% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.16% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.06% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 13.70  | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 13.70  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.61% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.94% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.45% | 44.81%      |



## Arizona Community Health Analysis Area 116 Pascua Yaqui

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 3285     |
|                                   | 0-18               | 1564     |
|                                   | 19-64              | 1592     |
|                                   | 65+                | 129      |
| Race                              |                    |          |
|                                   | White non-Hispanic | 11       |
|                                   | Black              | 5        |
|                                   | Native American    | 3013     |
|                                   | Hispanic           | 235      |
|                                   | Other              | 21       |
| Gender                            |                    |          |
|                                   | Male               | 1554     |
|                                   | Female             | 1731     |
| Percent of Families below poverty |                    | 40.3%    |
| Average Family Income             |                    | \$29,596 |
| Average Family Size               |                    | 4.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 18.82  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.95   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.30   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.00% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 37.98% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.08% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.19% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.10% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 5.32   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 2.66   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.69% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.94% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.39% | 44.81%      |

# Arizona Community Health Analysis Area 117

## Arivaca

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 19479    |
|                                   | 0-18               | 3972     |
|                                   | 19-64              | 9239     |
|                                   | 65+                | 6268     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 13888    |
|                                   | Black              | 71       |
|                                   | Native American    | 307      |
|                                   | Hispanic           | 4936     |
|                                   | Other              | 277      |
| Gender                            |                    |          |
|                                   | Male               | 9530     |
|                                   | Female             | 9949     |
| Percent of Families below poverty |                    | 8.2%     |
| Average Family Income             |                    | \$72,257 |
| Average Family Size               |                    | 2.8      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.33  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 8.26   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.55   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.61% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.35% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 23.24% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 22.92% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.85% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.11% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 9.66   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 13.17  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.81% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.81% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.19% | 44.81%      |

## Arizona Community Health Analysis Area 118 Green Valley

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 11418    |
|                                   | 0-18               | 284      |
|                                   | 19-64              | 2780     |
|                                   | 65+                | 8354     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 10839    |
|                                   | Black              | 25       |
|                                   | Native American    | 26       |
|                                   | Hispanic           | 409      |
|                                   | Other              | 119      |
| Gender                            |                    |          |
|                                   | Male               | 5014     |
|                                   | Female             | 6404     |
| Percent of Families below poverty |                    | 2.0%     |
| Average Family Income             |                    | \$55,851 |
| Average Family Size               |                    | 2.1      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 39.37  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 23.62  | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.00   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 14.00% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 37.98% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 22.81% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 23.08% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.19% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.8   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.10% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.69% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.94% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.39% | 44.81%      |

## Arizona Community Health Analysis Area 119 Benson

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 11343    |
|                                   | 0-18               | 2859     |
|                                   | 19-64              | 5763     |
|                                   | 65+                | 2721     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 9339     |
|                                   | Black              | 53       |
|                                   | Native American    | 145      |
|                                   | Hispanic           | 1602     |
|                                   | Other              | 204      |
| Gender                            |                    |          |
|                                   | Male               | 5622     |
|                                   | Female             | 5721     |
| Percent of Families below poverty |                    | 8.4%     |
| Average Family Income             |                    | \$49,614 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 34.43  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.48   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.56   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 28.87% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 36.41% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 29.35% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 29.07% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.67% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.0   | 12.8        |
| 11. Average age of first use for Marijuana   | 12.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.36% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 8.07   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 4.61   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.02% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 39.79% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 43.34% | 44.81%      |

## Arizona Community Health Analysis Area 120 Willcox/Bowie

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 13957    |
|                                   | 0-18               | 3846     |
|                                   | 19-64              | 7404     |
|                                   | 65+                | 2707     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 8680     |
|                                   | Black              | 50       |
|                                   | Native American    | 218      |
|                                   | Hispanic           | 4800     |
|                                   | Other              | 209      |
| Gender                            |                    |          |
|                                   | Male               | 6976     |
|                                   | Female             | 6981     |
| Percent of Families below poverty |                    | 17.4%    |
| Average Family Income             |                    | \$47,176 |
| Average Family Size               |                    | 3.0      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 31.89  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 5.15   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.22   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 16.00% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 42.13% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.39% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.57% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.15% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.2   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.5   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 35.20% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 3.34   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 30.91  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 53.49% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 47.45% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 42.31% | 44.81%      |

## Arizona Community Health Analysis Area 121 Tombstone/Elfrida

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 7543     |
|                                   | 0-18               | 1394     |
|                                   | 19-64              | 4951     |
|                                   | 65+                | 1198     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 5053     |
|                                   | Black              | 215      |
|                                   | Native American    | 177      |
|                                   | Hispanic           | 1974     |
|                                   | Other              | 124      |
| Gender                            |                    |          |
|                                   | Male               | 4797     |
|                                   | Female             | 2746     |
| Percent of Families below poverty |                    | 16.0%    |
| Average Family Income             |                    | \$46,933 |
| Average Family Size               |                    | 2.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 30.90  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 9.51   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.17   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.65% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.17% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 27.85% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.62% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 45.39% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.2   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.1   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 34.73% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.17% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.46% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 48.59% | 44.81%      |

# Arizona Community Health Analysis Area 122

## Sierra Vista

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 60412    |
|                                   | 0-18               | 17225    |
|                                   | 19-64              | 35275    |
|                                   | 65+                | 7912     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 40553    |
|                                   | Black              | 3831     |
|                                   | Native American    | 774      |
|                                   | Hispanic           | 11323    |
|                                   | Other              | 3931     |
| Gender                            |                    |          |
|                                   | Male               | 29977    |
|                                   | Female             | 30435    |
| Percent of Families below poverty |                    | 8.1%     |
| Average Family Income             |                    | \$60,304 |
| Average Family Size               |                    | 3.0      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 33.57  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 7.07   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.26   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.54% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 38.73% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 25.14% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.52% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.73% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.4   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.47% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.44   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 50.33% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 46.89% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 42.78% | 44.81%      |

## Arizona Community Health Analysis Area 123 Bisbee

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 12638    |
|                                   | 0-18               | 3259     |
|                                   | 19-64              | 7244     |
|                                   | 65+                | 2135     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 7980     |
|                                   | Black              | 95       |
|                                   | Native American    | 223      |
|                                   | Hispanic           | 4031     |
|                                   | Other              | 309      |
| Gender                            |                    |          |
|                                   | Male               | 6221     |
|                                   | Female             | 6417     |
| Percent of Families below poverty |                    | 11.0%    |
| Average Family Income             |                    | \$57,791 |
| Average Family Size               |                    | 3.0      |

| <i>Risk Measures</i>   | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 47.46  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 4.81   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 3.44   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 17.62% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 41.22% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 26.56% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 20.84% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 46.00% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.4   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.8   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.1   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 36.79% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 8.52   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 1.06   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 51.51% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 47.70% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 45.40% | 44.81%      |



## Arizona Community Health Analysis Area 124 Douglas

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 19264    |
|                                   | 0-18               | 7064     |
|                                   | 19-64              | 9755     |
|                                   | 65+                | 2445     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 2129     |
|                                   | Black              | 58       |
|                                   | Native American    | 283      |
|                                   | Hispanic           | 16622    |
|                                   | Other              | 172      |
| Gender                            |                    |          |
|                                   | Male               | 9392     |
|                                   | Female             | 9872     |
| Percent of Families below poverty |                    | 32.5%    |
| Average Family Income             |                    | \$34,935 |
| Average Family Size               |                    | 3.6      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 18.44  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 3.56   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 1.08   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 19.92% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 49.83% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 34.55% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 21.38% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 43.64% | 44.55%      |
| 9. Average age of first use for Tobacco  | 12.5   | 12.3        |
| 10. Average age of first use for Alcohol   | 12.9   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.0   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.2   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.17% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.00   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 0.00   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 53.19% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 44.81% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 51.32% | 44.81%      |

## Arizona Community Health Analysis Area 125 Tubac/Patagonia

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 18590    |
|                                   | 0-18               | 6279     |
|                                   | 19-64              | 10262    |
|                                   | 65+                | 2049     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 5682     |
|                                   | Black              | 78       |
|                                   | Native American    | 160      |
|                                   | Hispanic           | 12461    |
|                                   | Other              | 209      |
| Gender                            |                    |          |
|                                   | Male               | 9119     |
|                                   | Female             | 9471     |
| Percent of Families below poverty |                    | 9.4%     |
| Average Family Income             |                    | \$58,385 |
| Average Family Size               |                    | 3.4      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 11.10  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 1.32   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.19   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 26.64% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 45.35% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 32.01% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 19.62% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 39.38% | 44.55%      |
| 9. Average age of first use for Tobacco  | 13.0   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.2   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.8   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 14.3   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.28% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 2.50   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 23.08  | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 54.64% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 42.04% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 41.23% | 44.81%      |

## Arizona Community Health Analysis Area 126 Nogales

|                                   |                    |          |
|-----------------------------------|--------------------|----------|
| <i>Demographics</i>               |                    |          |
| Population                        | Total              | 22347    |
|                                   | 0-18               | 8001     |
|                                   | 19-64              | 11851    |
|                                   | 65+                | 2495     |
| Race                              |                    |          |
|                                   | White non-Hispanic | 1201     |
|                                   | Black              | 77       |
|                                   | Native American    | 130      |
|                                   | Hispanic           | 20817    |
|                                   | Other              | 122      |
| Gender                            |                    |          |
|                                   | Male               | 10497    |
|                                   | Female             | 11850    |
| Percent of Families below poverty |                    | 31.0%    |
| Average Family Income             |                    | \$41,000 |
| Average Family Size               |                    | 3.9      |

| <i><b>Risk Measures</b></i>  | Value  | State Value |
|--|--------|-------------|
| 1. Rate of Child Protective Services Reports per 1000 children                       | 15.26  | 27.47       |
| 2. Rate of Child Protective Services Removals per 1000 children                      | 2.76   | 1.93        |
| 3. Rate of Child Protective Services In-Home services per 1000 children              | 0.66   | 4.30        |
| 4. Percent of Youth who used Tobacco in last 30 days (8,10, 12 grades)               | 27.25% | 16.10%      |
| 5. Percent of Youth who used Alcohol in last 30 days (8,10, 12 grades)               | 46.23% | 36.30%      |
| 6. Percent of Youth who experienced binge drinking in last 2 weeks                   | 31.31% | 22.70%      |
| 7. Percent of Youth who used any Drug in last 30 days (8,10, 12 grades)              | 19.83% | 21.40%      |
| 8. Percent of Students who perceive Drug use in not Risky                            | 38.51% | 44.55%      |
| 9. Average age of first use for Tobacco  | 13.1   | 12.3        |
| 10. Average age of first use for Alcohol   | 13.2   | 12.8        |
| 11. Average age of first use for Marijuana   | 13.9   | 13.2        |
| 12. Average age of first use for Methamphetamine                                     | 13.9   | 14.1        |
| 13. Percent of Students with Attitudes favorable to Drug use                         | 37.92% | 36.55%      |
| 14. Rate of school Suspensions related to drug use per 1000 children 14-18 years old | 0.89   | 5.29        |
| 15. Rate of school Suspensions related to violence per 1000 children 14-18 years old | 9.80   | 4.71        |
| 16. Percent of Students with High Family Attachment Scores                           | 52.67% | 51.42%      |
| 17. Percent of Students with High Family Conflict Scores                             | 43.43% | 43.95%      |
| 18. Percent of Students with Poor Family management Scores                           | 40.75% | 44.81%      |

## Appendix D: Arizona, United States, and Healthy People 2010 Comparisons

| <b>Table 22: Arizona, U.S, and Healthy People 2010 Targets Comparison for Select Problem Indicators</b>  |             |       |             |
|--|-------------|-------|-------------|
|  | AZ          | US    | 2010 Target |
| <b>Consequences</b>  |             |       |             |
| Past year dependence or abuse for any illicit drug or alcohol, percentages (National Household Survey on Drug Use and Health, 2002 and 2003 averages).   | 11.04       | 9.22  | N/A         |
| Fatalities in Alcohol Related Crashes, rate per 100 million vehicle miles traveled (National Highway Traffic Safety Administration, 2003).               | 0.87        | 0.59  | N/A         |
| Alcohol related motor vehicle crash deaths, rate per 100,000 population (National Highway Traffic Safety Administration, 2003)                           | 20.07       | 14.66 | 4           |
| Alcohol related motor vehicle crash injuries, rate per 100,000 population (Arizona Department of Transportation, 2003)                                   | 110.30      | N/A   | 65          |
| Arrests for driving under the influence, rate per 100,000 population (Uniform Crime Reports, FBI, 2003).   | 727.72      | 492.9 | N/A         |
| Percentage of adolescents reporting riding in past 30 days with driver that had been drinking (Youth Risk Behavior Survey, 2003)                         | 35.3        | 30.2  | 30          |
| Arrests for drug abuse violations (sale, manufacturing, and possession), rate per 100,000 population (Uniform Crime Reports, FBI, 2003).                 | 611.23      | 574.5 | N/A         |
| Discharges with diagnosis of alcohol dependence syndrome, rate per 100,000 people, 2003 for Arizona, 2002 for US.  | 346.5       | 262.6 | N/A         |
| <b>Consumption</b>   |             |       |             |
| Past month illicit drug use, percentage (National Household Survey on Drug Use and Health, 2002 and 2003 average).                                       | 8.87        | 8.25  | N/A         |
| Past month cigarette use, percentage (National Household Survey on Drug Use and Health, 2002 and 2003 average).  | 27.51       | 25.71 | N/A         |
| Past month binge alcohol use, percentages (National Household Survey on Drug Use and Health, 2002 and 2003 averages).                                    | 24.32       | 22.75 | N/A         |
| Past month alcohol use, percentages (National Household Survey on Drug Use and Health, 2002 and 2003 averages).  | 50.20       | 50.50 | N/A         |
| Average age of first alcohol use, ages 12 to 17 (First regular use of alcohol, at least once or twice a month, Arizona Youth Survey, 2004)               | 14.21 years | N/A   | 16.1 years  |
| Average age of first marijuana use, ages 12-17 (Arizona Youth Survey, 2004)  | 13.22 years | N/A   | 17.4 years  |
| Percent of high school seniors never using alcohol (Arizona Youth Survey, 2004 and Monitoring the Future, 2004)  | 22.1        | 23.4  | 29          |
| Percentage of high school seniors never using illicit drugs (Arizona Youth Survey, 2004)   | 47.6        | N/A   | 56          |
| Percentage of adolescents, 12-17 years old, reporting use of marijuana in past 30 days (National Survey on Drug Use and Health, 2002 and 2003 averages)  | 7.74        | 7.9   | 0.7         |
| Percentage of adolescents, 12 to 17 years old, engaging in binge drinking in past month (National Survey on Drug Use and Health, 2002 and 2003 averages) | 11.94       | 10.65 | 2.0         |

N/A: Data was not available or target was not developed

***Community Domain Protective Factors***

1. Community Opportunities for Prosocial Involvement
2. Community Rewards for Prosocial Involvement

***Community Domain Risk Factors***

1. Low Neighborhood Attachment and Community Disorganization
2. Transitions & Mobility
3. Laws and Norms Favorable to Drug use, Firearms, and Crime
4. Availability of Drugs and Firearms
5. Media Portrayals of Violence
6. Extreme Economic Deprivation

***Family Domain Protective Factors***

1. Family Attachment
2. Family Opportunities for Positive Involvement
3. Family Rewards for Positive Involvement

***Family Domain Risk Factors***

1. Family Management Problems
2. Family Conflict
3. Family involvement in the Problem Behavior
4. Favorable Parental Attitudes Towards the Problem Behavior

***School Domain Protective Factors***

1. School Opportunities for Prosocial Involvement
2. School Rewards for Prosocial Involvement

***School Domain Risk Factors***

1. Academic Failure Beginning in Late Elementary School
2. Lack of Commitment to School

***Individual-Peer Protective Factors***

1. Religiosity
2. Social Skills
3. Belief in the Moral Order
4. Prosocial involvement
5. Rewards for Prosocial Involvement
6. Interaction with Prosocial Peers

***Individual-Peer Risk Factors***

1. Rebelliousness
2. Early and Persistent Antisocial Behavior
3. Friends who Engage in the Problem Behavior
4. Favorable Attitudes Towards the Problem Behavior
5. Early Initiation of the Problem Behavior
6. Gang Involvement
7. Constitutional Factors

*Availability of Drugs*

1. Alcohol Sales Outlets
2. Tobacco Sales Outlets

*Transitions and Mobility*

1. New Home Construction
2. Households in Rental Properties
3. Net Migration

*Low Neighborhood Attachment and Community Disorganization*

1. Population Voting in Elections
2. Prisoners in State and Local Correctional Systems

*Extreme Economic and Social Deprivation*

1. Unemployment
2. Free and Reduced Lunch Program
3. Temporary Assistance for Needy Families
4. Food Stamp Recipients
5. Adults Without High School Diploma
6. Single Parent Family Households

*Family History of Substance Abuse*

1. Adults in Alcohol and Other Drug Treatment Programs

*Substance Use*

1. Juvenile Alcohol-Related Arrests
2. Juvenile Drug-Related Arrests
3. Adult Alcohol-Related Arrests
4. Adult Drug-Related Arrests
5. Adult Drunken Driving Arrests
6. Alcohol Related Traffic Fatalities
7. Drug use in Pregnancy
8. Alcohol Use in Pregnancy
9. Tobacco use in Pregnancy

*Violence*

1. Juvenile Arrests for Violent Crimes
2. Adult Arrests for Violent Crimes
3. Homicides

*Non-Violent Crimes*

1. Juvenile Arrests for Curfew, Vandalism, and Disorderly Conduct
2. Juvenile Arrests for Property Crimes
3. Adult Arrests for Property Crimes

*Suicide*

1. Adolescent Suicide

*Adolescent Sexual Behavior*

1. Adolescent Pregnancies
2. Birthrate among Juveniles

*Family Management Problems*

1. Children Living Away from Parents
2. Children Living in Foster Care

*Family Conflict*

1. Divorce
2. Domestic Violence Arrests

*Low Commitment to School*

1. Event Dropouts
2. Status Dropouts

*Early Initiation of the Problem Behavior*

1. Dropouts Prior to Ninth Grade
2. Vandalism Arrests, Age 10-14
3. Alcohol-Related Arrests, Age 10-14
4. Personal and Property Crime Arrests, Age 10-14

### **Problem rating worksheet**

Fourteen problems from Tables 2 and 3 of the *Initial Presentation of Problem Indicator Data* report are presented in the worksheet. These problems were selected based on the large number of people they affect.

The source of the data is presented for each problem indicator. For those indicators that I have been able to research, I have also noted if the indicator includes tribal or reservation figures.

At the top of the worksheet are several statements corresponding to criteria that can be used to set priorities among the various problems. These criteria are listed below along with some questions that explain what the criteria mean.

**1. Magnitude**

Does the problem affect enough people to warrant a resource allocation given other problems?

**2. Severity**

- a) Does the problem create an inordinate amount of political, emotional, or social hardship?
- b) Does the problem cost a lot to address?
- c) Does the problem lead to other problems?

**3. Amenability to change**

- a) Can the problem indicator be changed with an intervention funded by SIG resources?
- b) Are the intervening variables known for the problem, i.e. can an evidence-based logic model for intervention be developed?
- c) Does the problem suggest a particular intervention that is affordable with SIG resources?
- d) Can the problem be addressed with proven interventions?

**4. Capacity**

Do communities have leaders, task groups, or providers that can address the problem indicator?

**5. Sensitivity**

- a) Is the problem indicator responsive to changes brought about by SIG interventions?
- b) Is the problem large enough so that a change can be measured?

Federal representatives have asked us to first look at our problems and the “burden” they represent. Burden refers to the extent of the problem in terms of people affected and the size and importance of social and economic costs associated with the problem. Once the problems have been assessed for their relative burden, federal representatives have asked us to look at the problems based on any other contextual criteria we think are important. I have labeled these criteria as “secondary criteria.”



Instructions:

For each problem, read the statement at the top of the worksheet. Based on information provided in the *Initial Presentation of Problem Indicator Data* report, rate each problem and statement with the following scale:

3 = I agree very much with the statement

2 = I agree somewhat with the statement

1 = I do not agree with the statement

? = I do not have enough information to have an opinion

I recognize that all criteria with the exception of the “magnitude” criteria lack data with which to objectively rate them. Based on my discussion with other State Incentive Grant sites, this seems to be the norm. Please use your subjective judgment in rating problems on the severity, amenability to change, capacity, and sensitivity criteria.

If there is some problem or indicator from the *Initial Presentation of Problem Indicator Data* report that is not on the worksheet but you would like to have considered, please include it and rate it in the row(s) marked “other.”

I will present some sort of summary of the worksheet at our next meeting. Remember, this worksheet will only be used as a starting point for our priority setting.

| Problem   | Burden   |   | Secondary criteria   |  |   |
|---|--|---|--|--|---|
|   | This problem affects a large number of people and/or has a high rate of occurrence (Magnitude) | This problem has large economic, social, or moral consequences (Severity) | This problem can be changed with State Incentive Grant resources (Amenability to change) | Communities have the ability to address the problem (Capacity) | Changes will be seen in the problem indicator if interventions are successful (Sensitivity) |
| 1. <b>Numbers reporting past year dependence or abuse for any illicit drug or alcohol</b><br>(National Survey on Drug Use and Health)   |  |   |  |  |   |
| 2. <b>Arrests for driving under the influence</b><br><i>Does not include reservation arrests</i><br>(Uniform Crime Reports as compiled by the Department of Public Safety)                        |  |   |  |  |   |
| 3. <b>Non-dependent abuse of drugs related ED visits</b><br><i>Does not include Indian Health Service hospitals</i><br>(Hospital Discharge Database, Department of Health Services)               |  |   |  |  |   |
| 4. <b>Hospital discharges related to alcohol abuse</b><br><i>Does not include Indian Health Service hospitals</i><br>(Hospital Discharge Database, Department of Health Services)                 |  |   |  |  |   |
| 5. <b>Hospital discharges related to drug dependence or drug abuse</b><br><i>Does not include Indian Health Service hospitals</i><br>(Hospital Discharge Database, Department of Health Services) |  |   |  |  |   |
| 6. <b>Drug and alcohol dependence neuroses related ED visits</b><br><i>Does not include Indian Health Service hospitals</i><br>(Hospital Discharge Database, Department of Health Services)       |  |   |  |  |   |
| 7. <b>Alcohol related crash injuries</b><br>(Department of Transportation)  |  |   |  |  |   |
| 8. <b>Families F.I.R.S.T. referrals</b><br>(Department of Economic Security)  |  |   |  |  |   |

| Problem |   | Burden   |   | Secondary criteria   |  |   |
|---------|---|--|---|--|--|---|
|         |   | This problem affects a large number of people and/or has a high rate of occurrence (Magnitude) | This problem has large economic, social, or moral consequences (Severity) | This problem can be changed with State Incentive Grant resources (Amenability to change) | Communities have the ability to address the problem (Capacity) | Changes will be seen in the problem indicator if interventions are successful (Sensitivity) |
| 9.      | <b>Past month binge alcohol use (12 and older)</b><br>(National Survey on Drug Use and Health)  |  |   |  |  |   |
| 10.     | <b>Past month illicit drug use (12 and older)</b><br>(National Survey on Drug Use and Health)   |  |   |  |  |   |
| 11.     | <b>Past month alcohol use (12 to 20)</b><br>(National Survey on Drug Use and Health)  |  |   |  |  |   |
| 12.     | <b>Past month binge alcohol use (12 to 20)</b><br>(National Survey on Drug Use and Health)  |  |   |  |  |   |
| 13.     | <b>Arrests for drug possession</b><br><i>Does not include reservation arrests</i><br>(Uniform Crime Reports as compiled by the Department of Public Safety) |  |   |  |  |   |
| 14.     | <b>Adults sentenced to probation for drug offenses</b><br>(Administrative Office of the Courts)   |  |   |  |  |   |
| 15.     | Other   |  |   |  |  |   |
| 16.     | Other   |  |   |  |  |   |
| 17.     | Other   |  |   |  |  |   |